

## THE CROSSFIELD CHRONICLE.

VOL. XXII. No. 48.

THURSDAY, DECEMBER 19th, 1929.

PRICE \$2.00 A YEAR.

## CROSSFIELD GARAGE

F. T. BAKER, Proprietor

Agent for:

Nash, Chevrolet Cars and Trucks

Our New Garage is at Your Service  
With First-class Machinery Installed  
and A 1 Mechanics Employed, which  
assures You of Good Workmanship.

Agents for:

British American Gasoline, Kerosene, Oil and Greases.

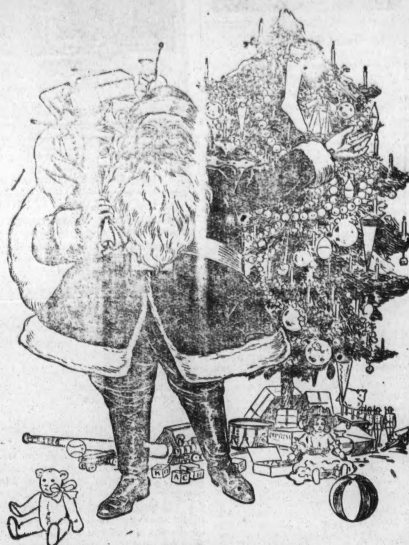
Phone 4

Crossfield, Alberta.

## Think It Over!

Wm. Wrigley, Jr., the chewing gum king in explaining the rapid growth of his company said all was due to advertising. "But" interrupted a friend, travelling with him to the Pacific Coast, "you have already built up a wonderfully business. Why not save some of this advertising money and run along on momentum for awhile." "Well," Mr. Wrigley said, "we have had a fine fast trip from Chicago so far. How much progress do you think we would make, if we took off the engine."

## DO YOU BELIEVE IN SANTA CLAUS



Do you believe in Santa Claus, the gray-haired saint of universal childhood? Now, do say that you do, for all the little Tinker Bells who bring fables of light and the sound of melody in our homes are just eager to know the truth.

The silvery locks of Santa Claus do not signify old age or senility, although there is no biography which tells of the time and place of his birth.

He is just as active, virile and buoyant in this wonderful age as he was when the children of long gone generations awaited his coming on Christmas eve. He finds his way around this great world of ours at the Christmas tide in his marvelous sled just as readily as if steel rails and electric wires did not form an almost impossible network over him. A dandy, thorough fencer, and glen. Of course, Santa Claus does not need spectacles and he does not wear monocles for he lives in the tender light of children's smiles. His queer little ears—always tied up in a crimson mullet, for Santa Claus is the very embodiment of the spirit of winter—are ever open, ever alert to the sound of children's happy laughter.

So long as these sweet, alluring things shall be, so long will good Santa Claus reign without a rival in the affection of children who slip their prayers at mother's knee and in those of other children, who at the blessed Christmas time, catch the echoes of the merry prattle of their own little ones who have grown into man's and women's estate.

Santa Claus' reindeer with their spreading antlers may have walked two and two out of the ark, when it rested on Aarar's crest after the flood subdued, but who cares? The gift of eternal youth is theirs and they are too busy to bother with family records of chronological tales. Each year the rhythmic patter of their tiny hoofs will be heard on your roof Christmas eve, if your heart keeps young and true and your ears are still attuned to the faintest whisper of God's own messengers. Santa Claus finds his way in the homes of the rich and the poor alike; into the palace and into the cottage, wherever children have been sent to brighten and to bless.

The life of that child is especially pathetic and incomplete which has not been illumined by an unquestioning, unflinching belief in Santa Claus. Without the mysterious joys of anticipation on Christmas eve, the richest child has lost one of the most exquisite phrases of earthly happiness. We tie to him who willfully destroys the beautiful personified in a 101 old Santa Claus.



LOW  
EXCURSION  
FARES

## EASTERN CANADA

Tickets on Sale Daily  
DEC. 1 to JAN. 5  
From all Stations in Manitoba (Winnipeg  
and West) Saskatchewan and Alberta.  
Return Limit 3 Months

## PACIFIC COAST

VICTORIA VANCOUVER  
NEW WESTMINSTER

Tickets on Sale  
Dec. 1, and each Tuesday and Thursday, to  
February 6.  
Return Limit, April 15th, 1930

## CENTRAL STATES

Tickets on Sale  
DEC. 1 to JAN. 5  
From all stations in Saskatchewan  
and Alberta  
Return Limit 3 Months

THROUGH CARS AND THROUGH TRAINS  
To Ship's Side for December Sailings

The Ticket Agent will gladly quote fares and arrange your itinerary. Ask  
J. R. GILCHRIST, Crossfield, Alberta

## CANADIAN PACIFIC

Always Carry Canadian Pacific Express Travelers' Checks



Enjoy Your Meals  
at the  
**OLIVER CAFE**

We Aim to Please You  
**GEORGE & FONG**  
Crossfield

TO BE SHOWN at the U. F. A HALL, Crossfield  
**BUSTER KEATON**  
IN SPITE MARRIAGE  
Thursday Evening, December 19th  
Shows commence at 8.30 p.m.

## TOYLAND IS OPEN

All Kinds of Toys  
For the Kiddies

Something to Suit Everybody At All Prices

Bring the children in and let them look around  
SPECIAL PRICES TO SUNDAY SCHOOLS  
AND DAY SCHOOLS REQUIRING SUPPLIES  
IN QUANTITY.

Our line of Goods suitable  
for better presents  
is complete as usual.

You can do all your  
shopping here.



Wm. LAUT, Crossfield

Crossfield Hockey Club To  
Open Season With a Strong  
Line Up

The Crossfield hockey club expect to make the 1929-30 season the best for many years as a number of new players will be added to the line up this year which will strengthen the locals considerably.

Through the courtesy of the management of the Oliver Cafe the team will appear on the ice decked out in a new uniform, which will add to their appearance and a credit to the players who do them.

Already a number of supporters of this national game have handed in contributions to maintain a team worthy of the name CROSSFIELD.

Donations may be left with "George" at the Oliver Cafe.

One of the nicest decorated windows we have noticed in Crossfield is the front furnishings window at A. A. Halliday store. The goods are well displayed and a credit to a town of much larger size than Crossfield.



## FOR SOME TIME

most of us prefer automobiles to aeroplanes for a quick, safe and comfortable mode of locomotion. If you have a car keep it in perfect condition. Have us look it over now and then, correct any minor defects and make any needed.

**Automobile Repairs**  
We are experts in this line and can give you prompt attention

We Carry Oils, Greases and Gasoline

## The Service Garage

W. J. WOOD

P.O. Box 77.

Phone 11.

## INSURANCE

Now is the time to see that your property is sufficiently covered with fire insurance

## TREDAWAY &amp; SPRINGSTEEN

Local Agents for all Kinds of Insurance

Phone 3

Crossfield.

The Chronicle Covers the Crossfield District Like a Blanket. Reach the Home through The Chronicle.

WE ARE AGENTS FOR  
Renfrew Cream Separators

Washers, Stoves and Scales  
Also Coffield and Rainbow Power Washers

**JOHN DEERE**

And other lines of Farm Equipment

GAS and OILS

**GIBSON BROS. & WALLACE**

## THE OLIVER HOTEL

A CRUICKSHANK Prop.

Steam Heated, Hot and Cold Water

Dining Room and Lunch Counter in Connection

Crossfield

Phone 54

Alberta





## TWO GRAND CHAMPIONSHIPS WON BY WEST

Chicago.—An exhibitor from southern Saskatchewan warded off the powerful American challengers at the International Livestock Exposition, capturing both Cuydesdale championships for his province.

James A. Johnstone, Yellow Grass, led the western Canada forces to perhaps the most convincing triumph of the big show when he won first the prime trophy for stallion and repeated shortly afterwards in the mare classes.

He started out by placing first in the two-year-old stallion class with "Sonny Boy" and succeeded in making grand champion out of him as well as junior champion. Then he won the three-year-old mare class with "Lady Trojan Maheut" and eventually took down grand champion and senior champion awards with her as well. Johnstone also won the Scotland's specials on "Sonny Boy" and "Lady Trojan Maheut".

In addition to these awards, Johnstone took first on stallion foals with "Baron Trojan", fourth in four-year-old mares with "Miss Manners", first in the progeny of dam class and first in get of sire class.

Thomas Davis, a fellow townman of Johnstone, placed third in the two-year-old class.

The handing of these awards officially ended western Canada's participation in the show, for judging was completed in all events but a few in which neither the west nor the east is interested.

Russell Fleming, Whitty, Ont., ran amuck in the breeding Oxford sheep class, to wind up his participation in the show in a blaze of glory.

He grabbed off the grand championship for ram, and the reserve championship for ewe and finished first in five of the nine events in which he placed.

### Work Ceases For Winter

Handful Of Men Will Stay At Churchill Until Spring

Winnipeg.—Where hundreds of men have toiled during the summer months, planning and building at Canada's newest ocean port, Churchill, 1,000 miles north of Winnipeg, all is now silent.

The "King of Churchill"—George Kidd, resident engineer of the department of railways—his retinue and builders, have departed, and only a few hardy pioneers remain to face what is hoped will be the last winter of "isolation" for the port of Churchill.

The "Muskeg Special," the famous north country passenger train of the Hudson Bay Railway, which has Churchill for its terminus, left the port for The Pas, December 2, on its last journey of the season.

From now on—except for the arrival of an occasional mail by dog team from Mile 327—Churchill is shut off from civilization until the builders return in the spring. Next year it is hoped, all winter service will be maintained on the Hudson Bay line.

### Anxiety Felt For Islanders

No Message From St. Paul, In Indian Ocean, Since October 17

Paris.—Fearful lest some disaster has befallen the score of inhabitants on the little island of St. Paul, in the Indian Ocean, the French Government has asked the steamer "Europeide," from Capetown to India, to change its direction and visit the island.

There has been no wireless message from the settlement since October 17. The inhabitants, in addition to a few natives, are Breton fishermen, engaged in catching or preserving lobsters.

Valuable Foxes Stolen

Frederick, N.B.—A theory that an organized body of fox thieves is operating in the province and also in Prince Edward Island, appeared to be borne out when James Duncan, caretaker of the Roland J. Murray Fox Ranch, on the old Springfield road, discovered that a large number of valuable foxes had been stolen from the ranch during the night, the animals being killed on the premises and the carcasses taken away by automobile.

Studying Insurance Rates  
London, England.—Negotiations are proceeding between Hon. C. P. Larkin, Canadian High Commissioner, and the Imperial shipping committee in connection with insurance rates on the vessels engaged in trade over the Hudson's Bay route from Port Churchill, Manitoba. It is expected a report will be issued in due course.

W. N. U. 3815.

### Six Perish In Fire

Father and Five Children Unable To Escape From Burning House

Alfred, Ont.—Paul Baptiste Sauve, and five of his children, ranging in age from 2 to 10 years, were burned to death when fire swept their farm home here. Mrs. Sauve, with her infant daughter and oldest son, Paul, aged 12, escaped by jumping from the second story as the flames roared through the frame house.

Unable to save her husband and the other children, whose escape had been cut off, the frantic mother threw her one-month-old baby out of the window on to the pillow snow outside and then jumped for her own life. Both her legs were broken in the leap and these painful injuries, along with the resultant shock may result in her death. It is feared.

With Paul carrying the baby, she had crawled over the snow-covered ground in her night attire to a barn nearby, where she was later found in a state verging on collapse by neighbors.

When the neighbors arrived the house was a veritable furnace and it was an impossibility for anyone to attempt an entrance.

### Note Surprises U.S.

Russian Reply To United States Over China Situation Causes Amusement

Washington, D.C.—Awaiting receipt of the Russian memorandum in reply to United States efforts to prevent warfare between the Soviet Union and China, forwarded through French diplomatic channels, government officials studied the text of the communication transmitted by press correspondents and informally expressed complete surprise and amusement at the severity of its tone and the harshness with which it criticized the action of the United States in calling attention to commitments under the Briand-Kellogg treaty for the renunciation of war.

President Hoover and Secretary Stimson were informed of the Russian response of the peace proposals, but together with other high officers of the administration declined to comment.

Subordinate officers of the Senate department, however, were not hesitating about speaking their opinion of the new turn in the Sino-Russian situation.

### Makes New Record

Saskatchewan-Owned Cow May Top All Yields This Year

Toronto.—By her production of more than 15 tons of milk in a year, Canary Kornykhe Alcarra, a Saskatchewan-owned Holstein cow, has established a record that bids fair to top all yields in Canada for 1929.

According to figures given out by the Holstein-Friesian Association of Canada, this cow produced in the 365-day division of the record performance 30,861 pounds of milk and 1,336-25 pounds of butter, with an average of 3.47 per cent. fat.

This cow was bred by Ferd V. Heene, Ingerson, Ont., and sold as a yearling to S. G. Sims, Winnipeg, who in turn transferred her to E. H. Thomson, Moose Jaw, under whose supervision and management all the above records have been made. Last year, however, after finishing her world's record, she was purchased by the Saskatchewan Government for \$10,000.

### May Request Salary Increase

Government Likely To Be Approached By Civil Servants

Ottawa.—Indication that the Dominion Government will soon be requested to grant all classes of civil servants a flat salary increase of \$180 is contained in the annual message of President Vernon L. Lawson, of the Ottawa Civil Service Association as published in that current issue of the Civil Service News.

The request which the association is expected to make would entail the balance of \$200 per annum sought in 1927. At that time a flat salary boost of \$120 was sanctioned by the government.

Receives German General

London, England.—The Prince of Wales received General Von Lettow Vorbeck, commander of German forces in East Africa during the Great War. General Von Vorbeck came to London specially to deliver to General Smuts, the British commander, a dinner given to the East African veterans on December 2.

Delegate From Australia

Canberra, Australia.—Hon. J. E. Fenton, Minister of Trade and Customs, will represent the Australian Commonwealth at the naval conference to be held in London in January. He will sail shortly for England.

### Will Purchase Legation

American Legation Building To Be Provided At Ottawa

Washington.—Congress has authorized purchase or construction of an American Legation building in Ottawa, as part of the program to place all American diplomatic buildings abroad in government-owned buildings.

Chairman Stephen G. Porter, of the House Foreign Affairs Committee, has visited Ottawa in connection with this project and selected for purchase by the United States, a home and surrounding estate which probably will not be for sale for several years but eventually will come on the market.

William Phillips, who recently resigned as ambassador to Canada, frequently complained to friends against housing conditions to which he and his family were subjected in the Canadian capital. Lack of what he considered a suitable home contributed to Phillips' resignation, his friends said here.

## WANT ACTION ON UNEMPLOYMENT SITUATION HERE

Ottawa.—A letter to Premier Mackenzie King urging that he call a conference of financial, industrial and labor leaders throughout Canada "has been sent by A. R. Mosher, president of the All-Canadian Congress of Labor, and the Canadian Brotherhood of Railway Employees. In a statement issued recently, Mr. Mosher referred to a conference held in Winnipeg between representatives of provincial and municipal governments and organized labor for the purpose of dealing with the unemployment situation.

Mr. Mosher stated that in his letter to Premier King, he called attention to the fact, that from the time it was ascertained that the wheat crop would be a partial failure, the railways had made immense reductions in staff, and their example was being followed by other industries which were similarly affected with the result that buying power had been considerably diminished. A widespread business depression was threatened.

Seasonal unemployment had appeared at an unusually early period, and the stock market collapse had, in his opinion, exerted an adverse effect on all classes of business and population in Canada as in the United States.

It was of the utmost importance, Mr. Mosher's letter stated, that public confidence should be restored by a survey of business conditions, and that plans be drawn up for the provision of employment; and the fear that it would spread to great proportions had curtailed public expenditure, creating a vicious circle which might work extreme havoc in Canadian industry.

The Winnipeg conference brought out the fact, Mr. Mosher contended, that unemployment in the west was greater than at any period in the previous five years, and regretted the attitude of the federal government, which apparently had neglected any authorities to deal with. Mr. Mosher took the ground that in a time of crisis, technicalities of jurisdiction should not prevent the rallying of the constructive forces of the country, and that the Federal Government, alone could give the leadership which the situation demands.

### RECEIVES RECOGNITION

John J. Page, recently appointed manager of the Western Canada Flour Mills, which was honored by the president of the Czechoslovakian Republic with the Order of the White Lion, officer class, "for civic merits."



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### Predicts Higher Price For Wheat

Indicated By Figures Given As To World Supply

Toronto.—In a special dispatch from Winnipeg, the Mail and Empire reports George McIvor, general sales manager of the Canadian Wheat Pool, as disclosing a difference of 62,000,000 bushels between the world's export surplus of wheat and the import requirements. The available surplus for export is estimated at 785,000,000 bushels and the import requirements at 770,000,000. The dispatch says:

"The difference must be made up out of the normal carry-over, representing the wheat which is held over after domestic requirements have been met. The exhaustion of present world surplus outside of Canada would still leave a balance for export Canada of 286,000,000 bushels whereas only 224,000,000 bushels are available in Canada for export, according to the figures."

The inference is that if the figures are even reasonably correct Canadian wheat is due for a pronounced bull market before the end of the year.

### Foresees Peace Conference

Sir George Foster Believes Religious Leaders' Will Meet In 1931

Ottawa, Ont.—The holding in 1931 of a conference of religious leaders embracing every known faith for the purpose of formulating a plan for the maintenance of world peace, is foreseen by Sir George Foster, philanthropic organizations are also becoming organized throughout the world with this idea in view, he said, in addressing the Ottawa Women's Canadian Club.

Sir George did not enlarge on the reasons for his prophetic utterance. If held, such a conference would most certainly influence a multitude of people, he said.

Canadian Muskrats For Russia

Montreal.—A shipment of 10,000 pairs of muskrats from Canada to Russia by Canadian Pacific express and steamship sets a new world record in the history of the fur trade. The muskrats will go forward in January and are being shipped by the English Fur Farm, Ltd., of London, Ont., to the Russian Government by way of Danzig, and are valued at \$250,000.

### Fighting To Keep

Soo Channel Open

So Grain Vessels May Be Able To Reach Ports

Sault Ste. Marie, Ont.—A fight to keep the channel below Sault Ste. Marie open is being made by four tugs of the Thompson Towing and Wrecking Company of the Michigan Sault, so that some 45 freighters still in the upper chamber of the lake, downbound with light cargoes of grain, can reach their port before the icy hand of winter closes the neck of the bottle which from year to year is a menace to mariners both up and down bound.

The fight has been a strenuous one so far, and at the end of the recent big storm it was feared the ice king had won. Twelve below zero weather, a record for 45 years, forced ice ten inches thick below the Sault and the drifting ice and slush packed up the rock cuts and narrow channels until it was 10 to 15 feet deep in places. But the tugs got through and released within the past few days with grain being stored on barges and will not return for another cargo.

### Hunter Found By Indians

Was In Starving Condition After Wandering For Five Days

Meadow Lake, Sask.—Lost in the woods and without food for five days, C. L. Galbraith, druggist, of Edson, Sask., has been found by Indian trappers who combed the heavily treed country near where Galbraith was hunting. He was exhausted and in a starving condition. Galbraith, who is about 32 years of age, went shooting with Arthur Rietter and George Paradi, also of Edson. He left camp alone to look for moose and failed to show up at dark. He had taken only a small lunch as a noon meal.

His companions, failing to find Galbraith themselves, sent word to MacKinnon, near here, that the druggist was missing and search parties consisting chiefly of Indian trappers, were organized.

### Movie Of Premier's Visit

Ramsay MacDonald Shows Cabinet How He Was Received In Canada

London, England.—Premier Ramsay MacDonald, at a private film party, let his cabinet, several diplomats and 150 friends see himself as he appeared in Canada and the United States during his recent visit.

News re-extracts of his tour with talking accompaniments gave the prime minister's colleagues an idea of the warm welcome he received. Cabinet members derived considerable entertainment during the showing when it was demonstrated how movie operators had to tell the government leaders how to stand, where to walk, when to talk and sometimes what to say.

## LORDS VOTE AGAINST SOVIET AGREEMENT

London, England.—Lord Birkenhead has the personal satisfaction of defeating the Laborite government 43 to 21 in the House of Lords, on a motion that he introduced "That diplomatic recognition of the Soviet Government is not desirable."

Neither the debate nor the vote, however, is expected to have any effect on the government's announced plan of resuming full relations with Russia.

Lord Birkenhead called attention to the alleged Soviet revolutionary propaganda including "a hideous attempt to provoke a native insurrection in South Africa."

After Lord Birkenhead had supported his argument by citing the American policy, Lord Parmoor declared that while it was true the United States did not have diplomatic relations with Russia, there was a very important American mission in Moscow and Russian mission in Washington.

Lord Thomson, a secretary, replying for the government, stated the government policy could be stated simply and definitely as follows: "It is to resume normal diplomatic relations with the least possible delay and at the same time to safeguard British interests throughout the world. The reasons for the step are in the first place to do everything possible towards the maintenance of world peace, and secondly, because the government wanted to expand British trade."

## MAKE PROGRESS IN SETTLEMENT OF WAR CLAIMS

Ottawa.—Good progress was made in the negotiation of an agreement between the Canadian and the German governments for the return of unliquidated property by Thomas Mulvey, under secretary of state, who returned to Ottawa from an official visit to London and Berlin.

Two other matters dealt with were the claim that Canada has against the British Government for \$170,000 paid by the former to the latter when Germany had stopped payments to Britain, and a settlement between Canada and Hungary of a claim of \$700,000 by Canada against Hungary, the sum paid by the Dominion Government to Massey-Harris, Limited, during the war, for property taken by Hungary during the war.

It was stated by Mr. Mulvey that the claim of Canada against Great Britain was now being dealt with by Hon. F. C. Larkin, Canadian high commissioner in London, with the Hungarian Government directly, and there was hope of a satisfactory adjustment. Not so successful were Mr. Mulvey's attempts to get a settlement from Hungary, owing partly to the break-up of the committee of The Hague conference which sat in Paris to deal with "liquidation of the past." Any final adjustment of this claim must await the next meeting of The Hague conference dealing with the Young plan which is now scheduled to resume its deliberations at The Hague early in January.

The total sum involved in the proposed settlement between Canada and Germany is slightly in excess of \$2,000,000, which includes about \$1,300,000 in property which is now the subject of litigation between the United States and Canadian custodians of enemy property as to the disposition of that property, and about \$200,000 in real estate property under contract for sale.

### Returns To Civilization

First Of MacAlpine Party To Reach Winnipeg

Winnipeg, Man.—Dressed in a typical garb of the northland aerial voyager, high boots and all, Richard Pearce, editor of the Northern Mail of Toronto, after thousands of miles of flying and wanderings on the fringe of the Arctic, arrived in Winnipeg—the first of the famed MacAlpine party—to reach "civilization."

With little apparent trace of his hazardous northland travel, Pearce is en route to his home in Toronto, after an absence of nearly four months. He was escorted to the city by many friends and a host of newspapermen who had gathered at the station to greet him. The rest of the 1,500 miles trail, from Bathurst Inlet to Winnipeg, was travelled via train, a distance of 500 miles from The Pas.

### Teacher To Visit Japan

Vancouver Man Going As Guest Of Japanese Student

Vancouver, B.C.—I. E. Brown, principal of Strathcona public school here, was granted two months leave of absence by the board of school trustees, to visit Japan as the first travelling guest from Canada of a number of Japanese, who received their education in Canadian schools. Mr. Brown will spend April and May in Japan to observe educational work there. Another objective of the invitation is to bring about a better understanding between Canada and Japan.

### Re-Open Empress Hotel

Winnipeg.—The official opening of the enlarged Empress Hotel, at Victoria, B.C., to which a huge addition has recently been completed at a cost of approximately \$3,000,000, will be held on Saturday, December 21, it is announced by H. F. Mathews, general manager of western Canadian Pacific hotels. The opening, with its attendant social functions, will be forwarded on Sunday by the first concert of the Yuletide Festival being held this Christmas at the Empress.

### Lord Byng Recovering

London, England.—A bulletin issued at Lord Byng's home, says although he is much debilitated by his recent illness, his doctors are satisfied with his progress and hope he will be able to sail for South Africa on December 20. His physicians anticipate he will ultimately recover completely from the congestion of his lungs.

England's first girl traffic officer, who has started her duties on the Portsmouth road, is 23 years old.

## Fair Life Boat Experts



Which is the leach and which is the luff of a sail? Where does the tack of a standing lug make fast? What is the loom of an oar? These and a hundred other questions that are leading conundrums to the layman are child's play to the seven bonny stewards of the Canadian Pacific liner "Duchess of York," who recently obtained the British Board of Trade Certificate for Lifeline Efficiency. They are left to right: Mrs. G. Riley, Miss J. Johnson, Mrs. A. Caldwell, Miss C. Pendleton, Mrs. A. Silk, Miss A. Rowan, and Mrs. G. Lavender. The examination for the Board of Trade Certificate is the most exacting test of its kind, and requires an intensive practical knowledge of regulations regarding boat and fire drill, fire-prevention, rocket-apparatus, breeches-buoy, and artificial respiration from drowning and smoke asphyxiation.

## Is Vaccination Dangerous?

No Evidence To Show That Any Danger Results From Use Of Vaccine

Perhaps the most malicious charge made by those who oppose vaccination, as a preventive against smallpox, is that the vaccine and its source is unsanitary and dangerous.

This cry is raised by fanatics who oppose vaccination for some reason best known to themselves, but not at all clear to experienced medical health officers. Any doctor who has a good reputation in his profession will tell you that smallpox is one of the most loathsome diseases in the world, and that vaccination is the only known and proven preventive. A person's house may be the cleanest, his the best, health as good as it can be, but if he is not vaccinated he will never be free from the dangers of catching smallpox. Any reputable doctor will also tell you that the source of the vaccine is unquestionable in this country, as to reduce the danger from vaccination to nothing.

The first essential in the work of obtaining vaccine is a healthy calf, which is kept absolutely clean. It is placed in quarantine for a week, to make sure that it has no infection, and is then prepared for vaccination. It is scrubbed in a tub, even its feet, and then strapped on a table. Sterile cotton leggings are put on its feet and legs. The calf's abdomen wall is carefully shaved and bathed with alcohol, and it is then ready for the vaccination.

The method of vaccination is by a blunt instrument—anything that is clean and sterile and will not draw blood. Scratches that draw blood show the doctor that he has a faulty technique and must start over again. Mere abrasions of the skin to allow the vaccine to enter the system are all that are necessary.

When the vaccination is complete, the calf is put in a clean room, all by itself, and fed with milk. The calf's temperature is taken twice a day, and night and day attendants are stationed to see that the calf is kept clean and safe.

Let us now consider what has been done. A healthy calf has been vaccinated with the germ of cow-pox. Why? Because the calf, being a healthy calf, will develop in its system what doctors call antibodies, which are the weapons nature gives the healthy calf to fight off the cow-pox. What is the purpose of all this? The doctors want these antibodies, so that they can give them to other people, so that they, in turn, can fight off the smallpox. Will cow-pox antibodies fight off smallpox? That is the secret of vaccination, the great scientific fact with which mankind has been provided to fight off this terrible disease.

The next move of the doctors who are working on the calf, comes after five or six days. What are called vaccine vesicles begin to appear. Then the doctors chloroform the calf. The whole area is washed off with sterile warm water, often a process that takes two hours or more, and the vaccine virus is removed. The doctors then examine the calf to make sure that all its internal organs are absolutely free from disease. If this examination shows any diseased condition the vaccine is discarded.

By a special process the vaccine is rendered sterile, tested for its potency, and then put into individual tubes, each containing enough vaccine for one person.

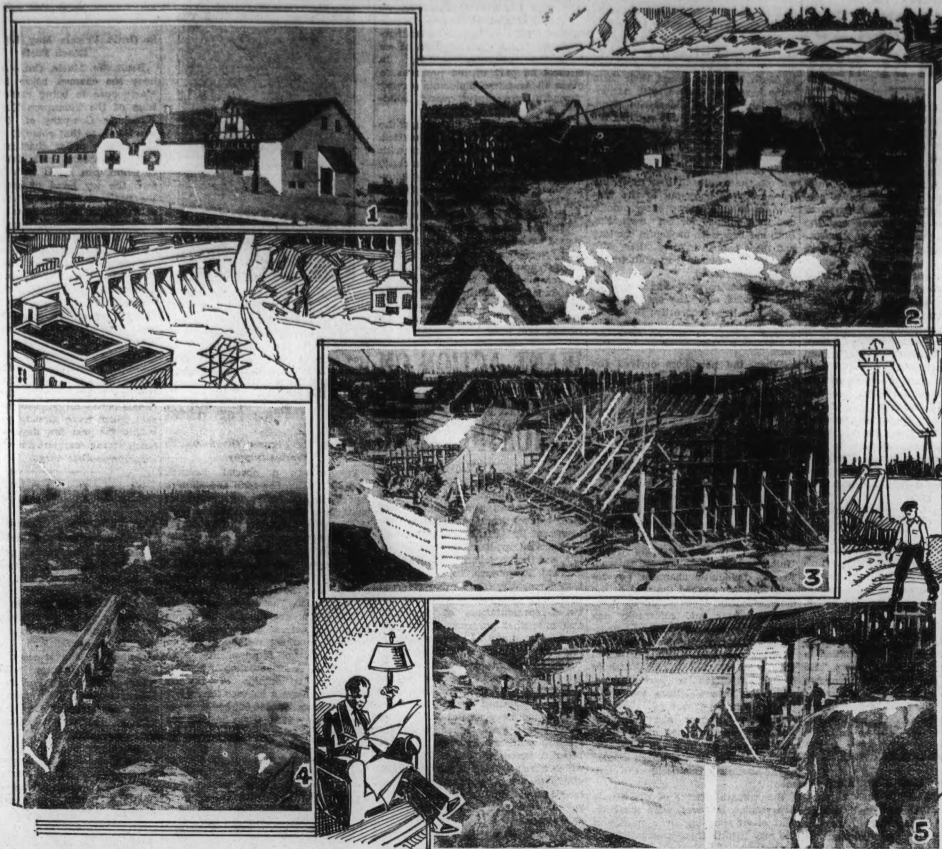
There isn't an instance in medical history to be shown, where an outbreak of smallpox has first broken out in a person or their successfully vaccinated, or re-vaccinated, within the immediately preceding five years. During the last discussion of vaccination in Toronto, Dr. Hastings, the medical health officer said: "Of approximately 250,000 vaccinated in the city, I defy anyone to produce evidence of one single death that could be traced to vaccination. I defy them to present a case where the loss of an arm was even threatened, and yet we hear stories of arms rotting off. Nor yet is there any tangible evidence that there will be any impairment of health after vaccination. We have had different degrees of susceptibility to the action of vaccination, but as we have had degrees of severity and sus-



"My house is burnt down, my wife fell out of one of the top windows." "How terrible! By the way is anything the matter with you, you look queer."—Pages Gales, Yverdon.

W. N. U. 1815

## SEVEN SISTERS FALLS DEVELOPMENT



1. General view, car barn and office building. Permanent townsite. 2. General view of power house site from upstream coffer dam. 3. Looking along spillway of dam from South bank. 4. General view of power site from top of concrete chuting tower. 5. Concrete block poured in depression in rock and lower portion of 47 foot section of dam. South end of spillway.

Steady progress is being made on the Seven Sisters Falls development on the Winnipeg River, in Manitoba, by the Northwestern Power Company Limited, where 700 men are at work. The Seven Sisters plant will be unique in that it will have a higher head than any propeller type turbine so far in existence. The Great Falls plant of the Manitoba Power Company Limited, was also a pioneering effort as it was equipped with the largest propeller type turbine ever used up to that time. The main coffer dam and subsidiary dams were finished some time ago at Seven Sisters. A portion of the spillway section on the south bank is partially completed, and concrete is now being poured in the north end of the south non-overflow dam. Forms have been erected and the intake floors for the first

three units have been poured. Excavation for the power house is more than half done. Excavation has been commenced for the south overflow dam. It is expected the first three units, developing 112,500 horsepower, will go into operation in the summer of 1931.

The townsite is all completed and consists of guest house, staff house, general store and post office, office building and garage, hospital and 12 cottages of stucco construction. The construction plant covers a large area and consists of the m'ing plant, a 260 feet concrete chuting tower, rock crushing plant, steel sharpening shop, air compressor house, machine, carpenter and blacksmith shop, storehouse, sub-station for the electrical supply where 2,000 horsepower is obtained by tapping

the Pinawa to Winnipeg transmission line, the contractor's work buildings and the bunkhouses and dining hall.

The rock gang is working double shifts at present with powerful flood lights illuminating the work at night. During the winter the work of pouring concrete may temporarily cease while forms are erected and rock excavated in preparation for further concrete work in the spring. The low water in the river has facilitated progress and the work is well up to schedule.

The Company is spending approximately \$30,000,000 on this development which when completed will mean 225,000 horsepower for Manitoba. The Northwestern Power Company Limited, and the Manitoba Power Company Limited, are associate companies of Winnipeg Electric Company.

ceptibility to smallpox itself, or to scarlet fever or diphtheria. There is not as much danger from infection by vaccination as there is danger from infection by the scratch of a pin.

### An Ontario Salt Mine

One On Lake Huron Has Been Producing For Fifty-Seven Years

On the shores of Lake Huron, close to Goderich, Ont., is to be found a salt mine which has a long record of production. From a depth of more than 1,200 feet brine has been pumped from a pool at the rate of fifty gallons a minute for fifty-seven years. It is believed that the salt beds were formed ages ago beneath two thick layers of limestone, and that the water from the Great Lakes seeped into it, thus creating a seemingly inexhaustible pool. The pool, it is estimated, is seventy-five feet deep, with the fresher water at the top, which makes necessary the pumping of the thicker brine from the bottom of the pool. By a rather primitive process the brine is transformed into salt. The fluid is pumped into a large, shallow vat beneath which several furnaces are kept steadily burning. The salt left after the water has been evaporated is periodically scraped off, and, being free from impurities, is ready for sale as coarse salt.

### Settlers For Saskatchewan

At a recent staff conference of the Canada Colonization Association at Saskatoon, T. O. F. Herzer, of Winnipeg, manager of the Association, stated that up to the end of September this year, 315 families had been settled on 25,000 acres in Saskatchewan.

"Where are you going to eat?" "Let's eat up the street." "Aw, no! I don't like asphalt."

### Women In Business

Competent As Men But Few Give Them Lives To It

The number of women employed on clerical work increases. There are now few offices of any size which are kept solely by men. Many tasks which till a few years ago were considered beyond the female mind are quite competently performed by girls. But it would be a sanguine feminist who declared that there was any sign of women obtaining more than the routine part of business for their share. The impediment is not lack of ability. Without ascribing to the sex "peculiar and wonderful gifts" for business, we may believe that, taking one with another, a woman has as much business capacity as a man. But the number who are content to give their lives to business is fortunately smaller than the number of men.

### Good To The Irish

"How much are yer lah, Mr. Goldstein?" "Eight cents a pound, Mrs. O'Brien." "I'll take two of them. How much will they be?" "Let's see: Eight pounds—eight times eight are eighty-four. Take them for seventy-five cents, Mrs. O'Brien." "Thank ye, M. Goldstein. I'll do. Ye're always good to the Irish, I'll say that for yer."

### To Protect Pedestrians

An Edinburgh inventor has perfected a safety belt for pedestrians which, if popular, will make him money in addition to eliminating many accidents. It consists of a leather belt worn around the waist with reflectors on the front and back which approaching headlights of autos pick up, warning the drivers.

### Ancestry In Herd Improvement

Pedigreed Sires Must Be Used To Maintain Good Milking Qualities

In the improving of milking herds by the use of purebred sires, it is not sufficient that pedigreed sires be used. It should be known with certainty that the sire is from high producing ancestry. At the Cap Rouge Experimental Station it was found that daughters of good cows and purebred sires were giving less milk than their mothers had given at the same age.

In cases where this happened, it is explained by the superintendent that the ancestry of the sires had not been observed in relation to milk production. In his report for last year, published by the Department of Agriculture, at Ottawa, the superintendent expresses the belief that modest purebred cows may be improved by the use of a registered sire, but when the herd has been built up in production it then becomes highly important that only sires from high producing dams be used.

The experience at the Cap Rouge Station leads the superintendent to conclude that a poor bull, even as a gift is costly while a good sire is cheap at a high price.

### Hay Is Important Crop

Though it is often looked upon as a crop of but secondary importance, hay, in this country, can be considered a close contest with oats for the second place in total crop value from year to year. Wheat is, of course, the king of crops, the acreage devoted to it being greater than 25,000,000 acres, while last year's oat acreage was in the neighborhood of 13,000,000 acres and that of hay was 10,000,000 acres.

None but the well-bred man knows how to confess a fault, or acknowledge himself in error.

### Have Faith In British

American Newspaper Says United States Appreciates Liberalism Of British People

We trust the fundamental soundness and liberalism of the British people, who put men like Asquith, Baldwin and MacDonald in office, and who in some ways are bolder for peace and social equity than we; we trust a British Empire which gives autonomy the freest scope. We understand and respect the culture of the British, and they understand and respect ours. In this understanding and liking the democratic young dominions are increasingly important.—New York World.

### Altitude Record For Hen

Landed Safely After Dropping 2,000 Feet From Airplane

Fluttering down 2,000 feet on her own wing-power, from an aeroplane whence she had been dropped, a bantam hen alighted safely on her feet at a ranch near Alvin, California. Strutting about for a time, giving vent to her righteous indignation with loud cackling, she then laid an egg. John Brown, the ranch owner, found fastened to the bird's leg with tiny celluloid rings a slip of paper on which was written:—"This chicken dropped 2,000 feet from an aeroplane. Finders are keepers."

### Regina Fair Finances Satisfactory

An excess of revenue over expenditures to the extent of \$24,776.08 is revealed in the financial report of the 1929 Summer Fair submitted to the directors of the Regina Exhibition Association recently. The revenue received through the various sources, such as gate receipts, concessions, races, exhibitors' fees and grants was \$162,350.12, while expenditures amounted to \$137,574.04.

### Farmer Makes Telescope

Grinding Lens Was Most Difficult Part Of Task

With some old automobile parts, a few spare dollars, and almost unlimited patience, George Koehler, 63-year-old farmer of Norwalk, Wis., has constructed an efficient telescope. Koehler's instrument is eight feet long, mounted on a concrete pedestal, and has a 10 inch lens. The farmer, who likens his interest in astronomy to the average person's interest in radio, built his telescope without instruction, save that obtained from books.

Grinding the lens, Koehler said, was the most difficult and tedious part of his task. The work was accomplished in three weeks, with carborundum dust. Since installation of the telescope, Koehler's farm has become popular with neighbors, who gaze through the instrument on clear nights and listen to the farmer's discourses on astronomy.

Italy has five cities with a population of more than half a million.



Reporter: "What have they done about the floods?" "Cancelled the order for watering the streets."—Lustige Sachen, Le/p.sig.



# Will Retain Beef Grades On Trial For One Year, To Be Tested Out Every Month

At a meeting of the beef grading committee, held in Ottawa, it was decided that the grades already decided upon should remain on trial for a year, so that they might be tested out every month before any revision of them be considered.

It was decided after very lengthy discussion, that packers be urged to grade and brand all beef falling within the specifications of the two grades, "choice" and "good" and that every effort be made to accomplish this object, in order that both production and consumption might be stimulated by the display of large quantities of graded and branded beef in retail shops. There was a full attendance and R. S. Hamar, permanent chairman, presided.

After discussing various methods by which production and consumption could be stimulated, it was decided to ask the federal government to appoint a man to devote his whole time to further the interest of beef grading and to work up a policy for promoting the consumption of graded and branded beef, by co-operating with various bodies. These would include provincial departments of agriculture, beef grading supervisors, chain stores and railway executives.

It was deemed highly necessary to obtain the interest and co-operation of housewives and various forms of publicity were discussed. It was decided to ask the provincial department of agriculture to organize committees of producers and consumers and other bodies interested in the promotion of a beef grading program in their respective provinces. This would create a chain of workers across Canada, active and interested in the common work and ready to co-operate with the special promotion man when appointed. No definite scheme of publicity has been approved.

The decisions and conclusions reached followed a check up on how many cities were handling graded beef in greater or less quantities.

A motion of warm appreciation of the work of Ross and McKendie in organizing the "Red Label Beef Breeders' and Feeders' Association" in Southern Alberta was passed.

Hon. J. D. McGregor visited the meeting and was asked to speak on the work of the Canadian Beef Producers' Association.

Mr. McGregor said they had not gone very far and now there was a report that the livestock pools were undertaking similar work to that which they had planned, namely, the raising of a sum of money to advertise the beef industry. He felt there was not room for two organizations doing the same work, but he was perfectly willing to co-operate where co-operation was possible.

Those present were: W. H. McIntyre, representing the Western Stock Growers' Association; Ed. Evans, Moose Jaw, representing the Saskatchewan Stock Growers; R. A. Wright, Drimwater, Sask., representing the Western Canada Livestock Union; Walter Scott, of Ontario, representing the Eastern Canada Livestock Union; J. H. Evans, representing the four provincial departments of agriculture of the West; Robert Wade, representing the Eastern departments of agriculture; S. E. Todd, of Toronto, and F. M. Baker, Winnipeg, representing the Packers' Council; J. C. Donaldson, Winnipeg, and Messrs. Cahill, Thompson and McPherson, the inspect on supervisors. Several representatives of the retail trade were also present as guests.

Nothing Left To Say  
Mother—What did your father say when he saw his broken pipe?  
Innocent—Shall I leave out the swear words, mother?  
Mother—certainly, my dear.  
Innocent—Then I don't think he said anything.

Holland has almost as many miles of canals as of railroads or roads.

There is nothing wrong with the baby, except that it is teething.  
"John, send for the dentist."  
Flegende Blagier, Munich.

W. N. U. 1815

## Canada's Railway Engines

Total Of 5,670 Used In Freight and Passenger Service

The 246,000 of Canada's railway cars of all sorts would not be of very much use unless there was some motive power to haul them.

This brings the great puffing and powerful modern locomotives, pride of the engineers and firemen, into the story.

The Canadian railways own a total of 5,670 engines. Of these locomotives 1,488 are employed in the passenger service, 3,384 in freight haulage, 756 in switching. (Forty-two engines are run by electric power.)

For some reason that is not quite clear the number of locomotives has been steadily decreasing since 1922. In that year there were 5,865 locomotives in use.

Perhaps the explanation is found in the fact that the number of freight cars has decreased by about 8,000 since 1922. As the capacity of the smaller number of cars now and in 1922, is within a few thousand tons of each other, it means that the cars are fewer in number, but of greater capacity, and therefore requiring fewer engines to haul them.

The 5,670 locomotives in use in 1927 consumed in the year 9,940,078 tons of fuel, at a total cost of \$46,596,249, or \$4.72 per ton. Coal costs the railways less now than in 1922. Then the cost per ton was \$6.40.

The freight trains burned 5,352,474 tons and the passenger trains 2,162,129 tons. It may surprise readers to know that the 756 switching engines used pro-rata far more coal than the 1,488 passenger engines—almost half as much again.

Sheep Sale At Brandon

One Of Greatest Ever Held In Western Canada

The recent annual auction sale of rams, ewes and lambs held at Brandon is described by sheep breeders as one of the greatest ever held in Western Canada, with prices at a most excellent level. One of the most prominent of sheep men in Canada, George Gordon, of Oak Lake, credited the recent importation of 10,000 sheep into Manitoba by the Manitoba Livestock Credit Company with having created a demand and a market that will rank Brandon with the best in Canada. Large buyers at the sale were the Hudson's Bay Company, the T. Eaton Co., Harris Abattoirs and the Swift Canadian Co.

Ship Western Horses To New Brunswick

Animals Sent To Try Out Market For Certain Types

In order to try out the market for certain types of horses in New Brunswick, a shipment of 18 animals was recently consigned from Moose Jaw to the Maritime Province by the Saskatchewan Livestock Pool and the Department of Agriculture. Under the arrangements entered into between the Livestock Pool and the Federal and Provincial Governments, the Pool assembles the shipments and the two Governments assist in promoting the sale of the horses. Larger shipments are to be made in the near future.

Quantity and Value

When Any Article Becomes Plentiful Price Will Drop

When emeralds were first discovered in America, a Spaniard carried one to a lady in Italy, and asked him what it was worth; he was told a hundred escudos. He produced a second, which was larger; and that was valued at three hundred. Overjoyed at this, he took the lady to his lodging and showed him a chest full; but the Italian, seeing so many, damped his joy by saying, "Ah, Senor! so many!—these are worth one escudo."

Rye Will Kill Thistles

It is said that rye will kill so many thistles as will the Canada thistle. It is advised to work up the patch in August, harrow down and sow to fall rye so as to get a good root before freezeup. It is claimed that the next year there will be no thistles, no matter how thick they were when the rye was sown.

New and modern hotels are to be constructed at Damascus, Tripoli, Aleppo and Beirut, Syria.

Official rat-catchers in the city of London destroy more than 24,720 rats every year.

## Advertising and Selling

Much To Be Learned By Canada and Britain

As for the Canadian consumer, he buys few British products because he never hears about them. He needs ten advertisements of other products to one British advertisement in Canada. The result is that he buys the goods he reads about. British goods are as a rule of high quality, but in the face of stiff competition and more enterprising selling methods, they will not sell themselves. It might be said with considerable point that both Canada and Britain can take a lesson from the United States in the business of advertising and selling.—Regina Leader.

Payments For Beets

Growers In Alberta Receive Return For Year's Crop

Five hundred and fifty beet growers of Southern Alberta have received \$285,000 as a first payment for the year's crop. A second payment was made December 3. In addition to these direct returns from the beet industry there are live stock feeding activities that will bring further dividends. Thousands of cattle and sheep will be on feed this winter with rations made up largely of pulp and molasses from the sugar factory and off-grade grain and hay.

Factory Production In Manitoba

The Industrial Development Board's estimate of production in Manitoba's factories for 1928, \$159,000,000, is far exceeded by the advance figures of \$165,000,000 for the ten months of the current year.

Winnipeg Gypsum Plant

Greater Winnipeg Is Shortly to Have Another Plant for Gypsum Products—Western Gypsum Products Limited.

## TREASURE HOUSE IN NORTH



This map shows the location of the world's largest bituminous sand deposits, located along the Athabasca and its tributaries, about 300 miles north of Edmonton, Alta. In a paper delivered somewhat over a year ago, before the American Institute of Chemical Engineers, Gustav Egloff and Jacques C. Morrell estimated the deposits contained over 100,000,000 barrels of bitumen and could produce more than 25,000,000 barrels of gasoline, or enough to supply the present world demand for over a hundred years.

No News Value

A certain Missouri editor refuses to publish obituary notices of people who, while living, failed to subscribe to his newspaper, and gives this pointed reason: "People who do not take the home town paper are dead anyway, and their passing away has no news value."

## FASHION



LOVELY CHRISTMAS GIFTS THAT WILL BRING HEARTY WELCOME

11017—A cute embroidery design of Mary Quite Contrary that will make a suitable Christmas gift for the kiddies nursery and wearing apparel. Pattern consists of various sized motifs (blue).

637—Cunning rompers having drop seat will make a practical gift for the little boy of 6 months, 1, 2, 3, 4, 5 and 6 years. The front is one piece. Belt is attached to lower back section and closes in front. The 4-year size requires 2 1/4 yards of 40-inch material with 1/2 yard of 32-inch contrasting.

11024—A dainty floral design that can be used on rompers, hies, booties, carriage-wear, etc. It will make a splendid gift that will be truly appreciated. It is lovely worked out in designs in various sizes and motifs (blue).

11137—An attractive border design that will make an adorable Christmas gift worked out on bath towels, curtain, scarves, table-covers and pillow cases. It may be carried out in white or gay colors (blue).

11015—Every woman loves to have pretty handkerchiefs, especially when they are so easily made. It can also be used as borders for collars, cuffs, and lingerie, and will make an adorable Christmas gift. Twenty-eight motif, one handkerchief with scalloped border, one with lines for draw-work, and 50 inches each of three borders—one of scallops, one of cross-stitch, and one of daisy-stitch (blue).

11124—Pattern provides 2 1/4 yards of scallops 1/2 inch deep and 2 sprays.

The sprays are 18 1/2 inches wide and 3 inches deep at the widest part. Suitable for pillow cases, towel ends and dresser scarfs (blue).

11053—An attractive pillow that can be used in the living-room, made of crepe satin, velvet or flat silk crepe. Pattern provides two each of three designs, 6 inches wide by 9 inches high. It can also be used on scarves, bags and other novelties.

11022—Pattern contains one of 10 1/2 by 18 inches, two of 7 1/2 by 10 inches, four of 2 by 2 1/2 inches. It may be used on dresser scarfs, runners, pillows and pin cushions. It will make a lovely Christmas gift and will be received with hearty welcome (blue).

We suggest that when you send for this pattern, you enclose 10 cents additional for a copy of our new Fashion Magazine.

All patterns 25 cents in stamps or coin (coin preferred). Wrap coin carefully.

How To Order Patterns  
Address—Winnipeg Newspaper Union, 275 McDermott Ave., Winnipeg  
Pattern No. .... Size .....  
Name .....  
Town .....

# Chamber of Commerce Committee Recommends Establishment of Airports Across the Dominion

## Utilizing Farm Waste

Ultimate Market For All Farm Products Being Made Possible By Chemists

Such marked advances in the utilization of farm wastes have been made during the last few years, according to Dr. Henry G. Knight, Chief of the Bureau of Chemistry and Soils, United States Department of Agriculture, that "we have hope we will be able to obtain satisfactory markets for the products of the farm rather than for the half or third now considered marketable material. The hope lies in more intensive research."

"For every pound of grain harvested and sold from one to three pounds of residue in the form of straw and stalks are left upon the farm to be disposed of in the best manner possible. For every pound of seed cotton sent to the gin from one to two pounds of cotton stalks are left in the field," he says.

Illustrating the increasing uses chemists are finding for the by-products of the various crops, Dr. Knight cites the fact that fermentation industries now produce from corn alone, products which are annually valued at \$118,000,000, besides the corn starch, glucose, corn oil, and stock feed which add other millions to that figure. Even straw may now be converted into human food by a process used in Switzerland and Germany to convert wood waste into sawdust.

Among definite results secured from the application of chemistry to agriculture, Dr. Knight mentions the transformation of California fruit culls which, with the help of chemists from the Department of Agriculture, were changed from an expensive waste to a highly profitable by-product of the citrus industry. Cottonseed, formerly wasted and thrown into the streets, he says, is now the basis for cottonseed cake, cottonseed oil, cattle feeds, or a total of thirty products the price for which is reflected in a higher value for the farmer's cotton. Sugar-cane bagasse, which until a few years ago was burned under the boilers of the sugar mills, is now made into insulating material for refrigerators and other uses by the building trade.

Active research looking to utilization of such by-products of the farm as cornstalks, straw, peanut hulls, lignin, and surplus sweet potato, is now carried on by the Bureau of Chemistry and Soils, which Dr. Knight directs.

## Honey Must Be Carefully Stored

If Kept Under Favorable Conditions Will Not Spoil

Much honey is wasted yearly by lack of proper precautions in caring for it after it is harvested, with the result that it soon ferments and spoils. Unripe honey quickly ferments and spoils, after it is extracted. Honey that is fully ripened, when extracted, will spoil if stored in unfavorable conditions. All honey contains the necessary elements for fermentation and, therefore, if left in contact with air, favorable for the growth of the ferments, spoilage quickly occurs. The honey should be extracted, strained and canned as soon as possible after it is removed from the bees, and then stored in a cool, dry place.

## The Highway Crossing

Bridges Over Streams But No Protection At Railways

Every time a highway crosses a little stream there is a bridge. Nothing at all unusual about that, of course. It is necessary to have some way to get over in safety.

Every time a highway crosses a stream there is a bridge. Nothing at all to make for a safe crossing, and there is something unusual about that.

If there is need for a safe crossing over a bit of a creek—and there is—then there is considerable need for safe crossing over a railway track.

## Waited Sixty-Five Years

Sixty-five years ago Jacob Schwartz bid Freda Schmidt good-bye and sailed for America to make his fortune, promising Freda that when he did so he'd come back for her. Schwartz, now 92, recently called his old sweetheart to prepare for the wedding and sailed for Germany. She had waited for him.

Armed with spikes which contain a deadly poison a fish found in the Great Barrier Reef of Australia has the power of killing human beings. It is known as the stone fish, and is repulsive in appearance.

## Airports should be established across the Dominion from coast to coast, providing for an air transportation artery, according to the aviation committee of the Canadian Chamber of Commerce, which goes on to report the opinion of the committee that air transportation should be developed in co-operation with railways and steamship lines rather than in competition with these present methods of transportation. Carelessness and stultifying should be discouraged in civil aviation according to the opinion expressed.

The following points are stressed by the committee:

That the establishment should be effected of a main chain of airports across Canada from coast to coast. That certain of these should be provided by the Dominion Government for its requirements and the others by municipalities and partly by private enterprise as may be found locally desirable. This chain would thus provide for the necessary main artery of air transportation across Canada for all forms of commercial aviation.

That the main airports be under the control of governments or municipal agencies and that airports of all kinds be under the strict supervision of Government regulations with standard equipment to secure uniformity, convenience and safety.

That at certain points encouragement and assistance should be given for establishing branch routes both north and south and for air route networks, to bring into connection the various regions which can economically be served by air.

That air transportation should be developed and operated as an adjunct to our existing rail and water transportation systems and in co-operation with them as far as possible, rather than in competition.

That every encouragement should be given to Canadian enterprise to establish and operate our commercial aviation systems, controlled by Canadians and manned by Canadian personnel, in the same manner as our other Canadian transportation systems.

That municipalities should, in as far as possible, provide their own airports and landing-fields, adequately equipped at their own expense, in order to concentrate air transportation at one place for the convenience of the public and so as to maintain it under a single authority.

That as commercial aviation develops, government agencies should refrain from encroaching on the legitimate field of the private commercial agencies by conducting air transportation and in this way stimulate rather than curtail enterprise in this new field.

That the Government be assisted in every way to enforce supervision and regulations looking toward convenience and safety of air travel and that all forms of risk taking, of carelessness and "stunt flying" be discouraged in civil aviation.

That the industries connected with the business of aviation both in apparatus and operation, be in every way encouraged as Canadian enterprises, looking forward to the time when our aviation requirements will be manufactured in our own country.

That encouragement should also be given by the business men and the people of the country generally, to the formation of flying clubs and to the practice of aviation (through the Aviation League and other means), so that as a country, we will acquire air dexterity and gain an advantageous position in this form of transportation.

## Others Had Refused

The editor handed the manuscript back after hastily scrutinizing the sheets, and said in a lofty manner: "All I don't print any such stuff as that."

"Well you needn't be so haughty about it," reported the spasmodical contributor. "You're not the only one who won't print it."

## Next to agriculture, fisheries are the most important sources of food.

When I have finished sawing your wood, please let me have other recommendations. I can cut hair."—Pages Gales, Yverdon.

There is nothing wrong with the baby, except that it is teething.

"John, send for the dentist."

Flegende Blagier, Munich.

W. N. U. 1815



## WORLD HAPPENINGS BRIEFLY TOLD

Mrs. Edward Ellice, sister of Viscount Willingdon, Governor-General of Canada, died in London, December 3rd.

The Orient Express, Europe's crack train between Constantinople and Paris, was recently held up near Caribos, Bulgaria, by brigands, who killed two passengers and wounded several others.

The Japanese Government has declined to give its sanction to the United States Government's note to Russia or China regarding violation of the Briand-Kellogg anti-war pact in Manchuria.

It is rumored that the Labor Government intends to create more Labor peers, probably in the new year's honours list. There are now only 12 Labor peers and lords not all of whom are available for normal work in the upper chamber.

The French mint has been commissioned to strike a medal bearing the likeness of the late Georges Clemenceau. It was announced that Rodin's bust of the wartime leader will be placed in the Arc de Triomphe Museum.

An air mail service whereby a letter could be posted in Montreal one night and delivered in Winnipeg the next morning will be inaugurated some time next year, it has been announced by Hon. Peter Veniot, postmaster-general of Canada.

The London Daily Mail says that the accuracy of the report of Commander Richard Byrd, of his South Polar flight, has been challenged by Major Trygve Gran, Norwegian airman and explorer, who was a member of the Scott Antarctic expedition.

Announcement was made by Hiram Walker, Gooderham, Worts Co., that a \$300,000 carbonic acid gas plant is to be installed in their plant at Toronto and that such units will later be installed at Montreal and other points. It is planned to manufacture what is known as "dry ice."

## Canada's Accredited Herds

Over Four Thousand Given Clean Bill of Health

Upward of four thousand herds of cattle in Canada have been given full accreditation by the Department of Agriculture, at Ottawa, according to the report of the Veterinary Director-General for the past fiscal year, published by the Department of Agriculture, at Ottawa. That is to say, this number of herds have been dealt with by tests and retests and restricted measures which have given them a clean bill of health with respect to the disease of tuberculosis.

## Commendation

Salesmen (showing customer some sports stockings): "Just the thing for you. Worth double the money. Latest pattern, fast colors, holoprop, won't shrink, and it's a good yarn."

Customer (politely): "Very well told, too."

## More Using Electricity

Electrical energy consumed during the first nine months of the year by users of the City Hydro in Winnipeg amounted to 262,000 kilowatt hours, an increase of 15 per cent. over the same period of last year.

The planet Venus moves across the sun at an average speed of 22 miles an hour.

Russian peasants often sleep with their cattle.



Apprentices (following master's instructions): "Haircut or shave, sir?"

Hamburger Illustrierte Zeitung, Hamburg.

W. N. U. 1815

## Exceeds Human Skill

Robot Reduces Risks Of Flying and Air Force Interested In Device

An inflexible robot airman, capable of controlling airplanes of all sizes in all kinds of weather with more dependability than the human pilot, has been produced by the scientists of the Royal Aircraft Establishment, the air correspondent of the London Daily News says.

The robot pilot consists of a compressed air-driven gyroscope which controls pistons, rudder and elevators of any type of machine from the smallest single-seater to the large twin-engine bombers and flying boats. The gyroscope weighs 100 pounds and has been demonstrated successfully over distances of 400 miles, bowing to the human pilot only when planes must ascend or descend.

The robot is claimed to be inflexible and to minimize greatly the risks of flying. The Daily News correspondent said it was understood the Royal Air Force was contemplating adopting the device for use in future long distance flights and that commercial air lines were negotiating for the device for the purpose of installing it in passenger and mail planes.

## Air Mail Across Canada

Stated That Service Will Be Inaugurated Some Time Next Year

An air mail service whereby a letter could be posted in Montreal one night and delivered in Winnipeg the next morning will be inaugurated some time next year, it was announced by Hon. Peter Veniot, postmaster-general of Canada.

Mr. Veniot pointed out that this route to Winnipeg, which would be via Toronto, was only a segment of the Montreal-Vancouver line, which he hoped would be established and would accomplish a saving of 40 hours over the fastest present delivery.

## Authors Discover Canada

The Brantford Examiner finds that Canadian authors are more and more finding their characters in Canadian types and their scenes in Canada. All very good—for we are just a little of humanity living in about as fine a bit of terrain as any race can boast.

What will a woman who goes to the Senate be called—a Senator or a Senator?

## Twelve Years Of The Millenium

Condition Of People Of Russia After Twelve Years Of Bolshevik Rule

The Soviet government celebrated the twelfth anniversary of the Russian revolution, according to Moscow despatches, by giving "bread and meat at cost price to every member of the population holding bread cards."

After twelve years of Bolshevism, the right to buy a square meal at cost price for one day only is the greatest boon the Soviet government can confer upon the workers whom it dominates.

Among great masses of the population, apparently, meat is a complement of their daily bread is a luxury to be enjoyed only at such times as annual national holidays, and then sparingly and on a card-regulated allowance.

What a commentary on the inefficiency of communism! The political system that was going to make men free has only made men hungry paupers, waiting in line with their bread cards for the doles of meat that mark such special occasions as the birthday of their pseudo-freedom.—Minneapolis Journal.

## Vagaries Of Gulf Stream

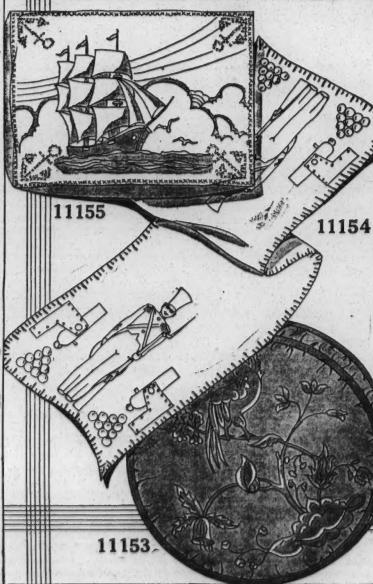
Captains See Curious Things Along South Equatorial Current

A strange story of the south equatorial current was told recently when the White Star liner "Euripides" arrived at Southampton from Australia and the Cape. When the ship reached this current, which flows across the Atlantic from Africa, a long stretch of piled-up seaweed fringed its edge, looking exactly like a river bank. There was no sign of movement along this "bank" though the current was in motion. A Norwegian captain recently reported another curious occurrence in the Pacific, where he encountered "streets" of rusty-brown water between stretches of sea of the normal color. Similar "streets" this time of a yellowish color, have been seen between Hong-Kong and the Philippines during the last month or two.

Baggs—Happy are they who look before they marry.

Boggs—Yes, and overlook after.

## FASHION



ATTRACTIVE CHRISTMAS GIFTS THAT WILL BE TRULY APPRECIATED

11155—A popular ship design that makes attractive pillows. Edge is finished with cross stitch, with cross stitch design at each corner. It will make an adorable Christmas gift that will be appreciated (blue).

11154—Any little boy would adore his room if his curtains, bedspread and dresser scarf were made up of this attractive design with the little soldier, cannon and bullet. He certainly would appreciate a gift like this from mother (blue).

11153—Design for favorite round pillow for boudoir or living-room. It will make an attractive Christmas gift worked on silk velvet, flat silk crepe, tulle, rayon fabrics or satin (blue).

We suggest that when you send for this pattern you enclose 10 cents ad-

## How To Order Patterns

Address: Winnipeg Newspaper Union, 270 McDermot Ave., Winnipeg

Pattern No. .... Size .....

Name .....

Town .....

## Will Represent Canada

Boys' and Girls' Swim Club Winners Banqueted by Canadian National Railways

Declaring that there was every reason to believe that they would bring back with them the world's championship in cattle judging from Great Britain next year, Hon. Dr. Motherwell, Federal Minister of Agriculture, gave words of sound advice, encouragement and congratulations to the three young farm lads who are to represent Canada in the 1930 International Judging Contest, at a dinner given to their honor at the King Edward Hotel at Toronto.

The three boys, Cedrick Kirkpatrick, Gordon Campbell, and Clifford Baldwin, from New Brunswick, Nova Scotia, and Ontario, respectively, were the central figures at the banquet given in honor of the Boys' and Girls' Live Stock Club contestants by W. D. Robb, Vice-President of the Canadian National Railways, under the whose auspices the contestants visited Toronto. It is under the joint auspices of Dr. Motherwell's Department and the Canadian National Railways that the three boys will have the trip to Britain for the world contest next summer.

Both Vice-President Robb and Dr. Motherwell took occasion to congratulate the three boys who are the first to win the honor for Canada. The theme of Dr. Motherwell's address to them was "Service to others" in their future lives. There was no question, he said, that these boys, as well as all the winners in the boys' and girls' contests, would become leaders in their communities and there rested a great responsibility upon them in seeing that they carried on to others in coming years what had been handed down to them from the Federal, Provincial and Railway authorities. The Federal Minister said that this work was most valuable, and praised particularly what the Railway Company had been able to do for the young farmers.

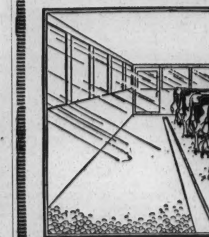
Mr. Robb, in his annual address to the club members, said, that the winners being honored represented nearly six thousand farm club members in Canada, and the movement was growing. It had been invaluable in raising the status of the Livestock industry in the Dominion, and the Railway was only too glad to be of service in this regard. Dr. Black, Director of Colonization and Agriculture, for the Canadian National Railways, told of the policy of his department to co-operate with the Federal and Provincial authorities in all movements for the improvement of agriculture.

Nearly one hundred agricultural officials from all over the Dominion were present at the dinner to honor the young farmers who had won the championships.

What In Farmers' Hands

a wheat import 50,000,000 bushels of wheat remains in farmers' hands in the west, according to the November report of E. A. Ursell, statistician to the Board of Grain Commissioners, dealing with the movement of Western Canadian grain during the past month.

MADE IN ENGLAND



WINDOLITE stands for 100 per cent. sunlight. It makes light but strong windows for cattle sheds, dairy stables, poultry houses, brooders and all out buildings. It is economical, unbreakable, flexible, fireproof and it fits. It is now being successfully used for sunrooms, verandahs, schools, factories, hospitals, sanitariums, hot beds, plant coverings and greenhouses upon which cold—will not crack or chip—cuts with an ordinary pair of scissors and is easy to fit. WINDOLITE is supplied in rolls any length but in one width of 36 inches and 48 inches. A square yard of WINDOLITE weighs about 14 ozs. while a square yard of glass of ordinary thickness weighs about 120 ozs. The improved WINDOLITE requires no varnish. WINDOLITE is made in England.

Price \$1.50 Per Square Yard, L.o.b., Toronto.

Use WINDOLITE and let YOUR PLANTS YOUR CHICKENS YOUR CATTLE Bask in 100% Sunlight Send for booklet "WINDOLITE"

Distributors: JOHN A. CHANTLER & CO., LTD.

51 Wellington St. W.



## Illusion Destroying Facts

Despite Peace Talk, Nations Are Continuing To Maintain Armaments

Says the Manchester Guardian: Fifty-five per cent. of the British budget goes to pay for past wars, and 15 per cent. to prepare against future wars—that is to say, war costs us 14s. in the pound. In France the proportions are almost exactly the same. Our present real expenditure on armaments is just as high as the average during the years 1909-1914. The same is true of France. Italy spends considerably more than she did in those years. Russia has been augmenting her expenditure on armaments steadily during the last few years, and is, in spite of her poverty and her reduced size, approaching the pre-war level. The United States beat all records—their expenditure on armaments in 1918 was nearly as high as Germany's performance is considerable—she is supposed to be "disarmed," and yet she now maintains a third what she spent upon her colossal army and fleet before the war. The "economists" hope the public service in tabulating these illusion-destroying facts.

## Nothing Would Be Left

If Every Person Was Convinced Bible Is Not Divine

A Church of England clergyman declares that the Bible is "not the word of God." Many people will agree with him, although not all will admit it. The "economists" hope the public service in tabulating these illusion-destroying facts.

The Bible remains the fount of inspiration for the human race. It is a staff for the young and a crutch for the old. It comforts in adversity; it sobers in prosperity. It is eyes to the blind, and feet to the lame. No man can read it to grow in grace who reads it daily, or sets aside a portion of Sunday for its enjoyment. If civilization lacked the Bible we should be the less human. If another such book came to be written, should we not call it divine?

## Really An "Air" Plane

A Russian aeronautical expert, Prof. Rudine, has a pet theory which claims that aeroplanes flying 30 or more miles high in the air need no fuel. He claims that an increased supply of hydrogen at that altitude could be exploded in a special engine and that the explosion would propel the plane, thus running the "plane on air."

## WINDOLITE The Improved Glass Substitute

COMES WITH A MESSAGE OF HEALTH

THE sun is the all-powerful life producer. Nature's universal disinfectant and germ destroyer as well as a stimulant and tonic. WINDOLITE is the sun's most important ally.

Medical research has definitely proved that from the point of view of Health and Hygiene, the most effective among the sun's rays are the Ultra-Violet rays, which possess the greatest power for the prevention and cure of disease and debility.

Science has further established that ordinary window glass does not allow the passage of Ultra-Violet rays, so that by using glass we are artificially excluding these vital health-giving rays. Therefore, the invention of WINDOLITE has completely satisfied the long-felt want. Exhaustive experiments have conclusively proved that it is a most effective substitute for glass, that it freely admits the Ultra-Violet rays, and that it uses has a most beneficial effect on the growth and development of plants and chickens and on the well-being of cattle, enabled for the first time to have healthy light instead of darkness in their sheds.

Indeed, the discovery of WINDOLITE has during the last six years completely revolutionized gardening, given a new stimulus to poultry breeding, increasing the egg-laying capacity and fertility of chickens, has greatly improved the health of cattle and is now being used in domestic and household requirements.



Distributors: JOHN A. CHANTLER & CO., LTD. 51 Wellington St. W. TORONTO, ONT.



**MAGIC BAKING POWDER**

There is far more  
**MAGIC BAKING POWDER**  
used in Canada than  
of all other brands  
combined

MADE IN CANADA  
NO ALUM

E.W. GILLET CO. LTD.  
TORONTO, CAN.

## The Singing Fool

By HUBERT DAIL  
Copyright, 1928, Warner Bros.  
Picture, Inc.

### SYNOPSIS

Al Stone, singing waiter at Blackie Joe's New York night club, is loved by Grace Farrell, the cigarette girl, but he doesn't know it. He marries Molly Winton, a ballad singer, but after he wins fame as a composer of popular songs, Molly suddenly elopes with John Perry, Al's best friend. The couple take Al's two-year-old baby, Junior, and move to France. Al, completely broken by his loss, disappears from Broadway and becomes a derelict. Months later he appears at Blackie Joe's club, where Grace Farrell tries to shame him into staging a comeback by telling him she will tell his boy later how he drifted downward. In a rage, Al threatens to kill her.

### CHAPTER XXV.

Now Al was in front of Grace; his thin hands reached toward her throat, but she did not flinch or make a sound. She felt the lean fingers round her white throat, while the haunting, terrible eyes rose on a level with her own, then above her. The fingers tightened—he was pulling her close to him. She half closed her eyes—well, if he wanted to kill her, let it come. She loved him still—she knew it at this fearful moment.

But as Al felt her graceful young body against his own the instinct of the killer subsided. She was young and beautiful, and—suddenly the reason for her harsh attitude became apparent to even his disordered mind. She was doing it to help him. The tension in him snapped; his hands loosened about her throat, and his head was buried against her breast. As she felt him sagging Grace's arms went round him, holding him close. Her radiant face was lifted in a prayer of thanks.

She could only think of one thing, she loved him, she was going to pull him back to courage and life! Finally his head came up.

"I'll do my best, Grace! I'll make good—I'll show my kid his daddy isn't a flop!"

At that moment Blackie appeared at the door; took one look, and tipped away.

Al stared at Grace. "I can do it if you'll stand by," he suggested.

Grace nodded. "You can count on me, Al," she whispered tenderly.

As Al spoke Grace realized the full significance that lay behind his words. He was saying that his comeback depended on her, but he was also suggesting something more—that he wanted her in his life. Did that mean that he loved her—at last?

Her lips trembled and she reached up to stroke his hair. His hair hadn't changed, at any rate. It was the same thick, lustrous black it had always been. She was confused and embarrassed, and she felt tears filling her eyes in spite of her efforts to fight them down. Then Al's face became misty before her.

"Everything will be all right, Al," she whispered. "You've got the stuff—we both know that."

She was really talking to fight her way back to self-control. She realized now the fearful price she had paid in desperately striving to put Al

out of her thoughts during these past three years. The effort had taken terrific toll from her emotional nature; no wonder the knowledge that Al needed her and asked her to stay close to him produced a shattering reaction.

Some vague feeling this reached the young song writer, but he couldn't be sure of the cause. He saw Grace's beautiful eyes dimmed by tears, but for all he knew this display of intense emotion on her part might come from a merely maternal feeling or from the generous spirit that made Grace feel kindly toward almost everybody. He had never known that she loved him.

"Grace," he said, "I did write a song several months ago, but I thought it wasn't any good, so I put it away. But I know how it goes. Would you like to hear it?"

"Of course I would, Al," Grace answered quickly, glad of an escape from her own highly charged feelings. "Sit down at the piano—try it."

Al moved hesitatingly toward the piano. "I'm not sure I can even play it—my fingers are like bread sticks. But I'll try."

He pulled the stool up to the keyboard and ran up and down the scales in preparation. Already, it seemed to him, his fingers were more supple and stronger. But of course he now had a reason for playing.

"It's called 'Among My Souvenirs' and it starts like this:"

The song began. Al's voice matching the pathos of the words. Grace leaned against the piano, chin in hand, a rare expression on her face. Now the mist of tears had passed. She was able to see Al clearly, and she made no attempt to hide her joy in his presence.

His voice came waveringly at first, then stronger. Grace made a mental note; that golden voice that ran the emotional scale so easily from play to tragic sentiment was just as flexible as ever. If anything, its emotional quality had been deepened by his tragic experiences.

Grace was thrilled, first by the song, then by the gaze of affection that Al fixed on her. The listless look had passed from his eyes, he had forgotten his stiff, sore fingers. He had lost himself in the song and in the vision of Grace before him, so that the change of his face made him a different man from the derelict who had staggered into Blackie's place an hour ago. In that flashing moment he became the old Al.

The last note of the song ended, and suddenly Al slumped down on the piano stool, burying his head in his crooked arm on the keyboard. The strain of singing and playing was too much for him.

Grace came around the piano rapidly, putting her arms about him, whispering in his ear:

"There, here; I know it's hard at first. But the song is beautiful. It will be a success—I know it! And it's only your start."

"Do you think so, Grace?" Al raised his head. "Do you really think so?"

"I'm sure of it."

Then Grace turned. Blackie was in the doorway again.

"Did you hear it?" she whispered.

"Yep," Blackie nodded. "It's a wow. One of his best."

Blackie was fairly beaming. When Al wasn't looking, he beckoned to Grace to slip away for a moment. Then he went back to the main room and waited for her.

"I can see you've pulled him out of it," whispered Blackie, "but how on earth did you do it?"

Briefly Grace explained. Blackie patted her approvingly on the shoulder.

"You're a smart kid, Grace, and I hope Al appreciates you. You've made a good start, but you know it will be awfully easy for him to slip back again. Make him find himself a decent place to live and make him buy himself some decent clothes. That helps a lot."

"Sh-h!" Grace put her finger to her mouth, afraid Al would hear. "I won't let him slip back—you leave him to me."

Blackie chuckled as Grace hurried back into the room with Al; already she was assuming a possessive manner toward the man she loved. Well, thought Blackie, he couldn't be in better hands.

It was morning—again the customers had all left, the chairs were piled on the tables and the scrub women were busy cleaning up. Again the windows of the main room were thrown open, allowing the stale smoke from cigars and cigarettes to drift outside in silver spirals.

"Al, you should be going home to get some sleep," said Grace gently.

"Of course, Grace. Let's go."

As they started for the main room Grace glanced down the dressing room corridor. She recalled that morning more than three years ago when she had overheard Al and Molly planning marriage. Then she had run away to hide her tears. How similar this morning was, yet how different. Now she was walking home with Al,

and he had begged her to "stand by." Down the narrow stairs they went, but when they reached the street Al swayed for a moment. Grace took his arm.

(To Be Continued.)

## Christmas In The Red Cross

Parcels Sent Out To Cheer The Needy At Yule-Tide Season

The kindly old Saint whose name is honoured once a year, has a very special place in his heart of hearts for the society that remembers the little children of the settlers and the newcomers to Canada. In many a small log cabin in the northland, in many a small prairie shack there will come large and important looking parcels, bearing a well known seal, that of the Red Cross. The contents are specially selected with the thought of the family's needs, for often the newcomers have no idea of the severity of the Canadian winter and are unprepared with the warm and comfortable bedding which is of first importance. That is why there may appear in some of the parcels a bright red quilt made by the Red Cross listeners at the weekly program which the Society broadcasts from C.J.C.A. Edmonton. There will be scarves and mitts and socks and baby garments and of course toys to please the little ones. It is a busy time in the Alberta Headquarters as the month of December draws near, for many of these gifts of Christmas cheer have to travel into the far north where roads are frozen and mail is uncertain.

The Junior Red Cross members who number thirty thousand in Alberta take a special pride in their gifts to the children in their own two fine hospitals at Calgary and Edmonton, and each child in a cot there, is remembered for December 25th. This generous act on the part of the Juniors is but one way in which they keep their pledges "to help those less fortunate than themselves."

## Solved The Mystery

Demand For Lemons Traced To Needs Of New York University

A mysterious demand for lemons which exhausted the stocks in fruit and vegetable stores about Columbia University, New York, was explained with the discovery that more than 100 chemistry students had been instructed to bring ten lemons apiece to the laboratory for experiments. The run on lemons started innocently enough on a Friday. By Saturday afternoon it began to perplex grocery dealers and annoy hundreds of housewives in the vicinity who could not procure lemons. Amsterdam Avenue, for six blocks on both sides of Columbia could not produce a lemon. The lemons were used to get citric acid for chemical experiments.

## A Necessary Luxury

There are now 200,000 telephones in Toronto. In 1879 the first 'phone was installed in the Queen's Hotel, and today in the Royal York, on the same site, there are 1,600 in use. Evidence of the increasing popularity of the increasing need of the telephone is contained in the fact that forty-two years elapsed before the first 100,000 telephones were set up, while in the brief space of eight years the hundred thousand have been placed in use.

Nation-Wide Fame.—There is scarcely a corner of this great Dominion where the merits of Dr. Williams' Electric Oil have not been tried and proved. It is one of the world's most efficient remedies for sore throat, laryngitis and many other ailments arising from inflammation. Rubbed on the skin its healing power is readily absorbed, and it can also be taken internally.

## Calgary Solves Housing Problem

Calgary's housing problem is gradually being solved. Since the first of the year no less than 676 houses valued at \$2,634,835 have either been built or are under construction. During the year 1928, 480 houses, valued at \$2,089,078, were built. The average cost of each home this year is \$4,760, compared with \$4,350 for 1928.

Ecuador is famous for its diamond mines.

## KEEP TRAFFIC MOVING

Pompeii never had traffic problems. In the human system, as in modern cities, the great need is to keep the traffic moving. A slight obstruction may cause very serious consequences.

The road to health in the human body—the intestine—is 32 feet long. Think how easy it is for this long, tube to become clogged. Think how essential it is to keep it healthy and active.

You cannot afford saying "I cannot go because I have a sick headache." You cannot neglect indigestion or biliousness or constipation. It simply isn't done. You cannot confess that you are a victim of self poisoning from half digested food lying in the intestine, and causing poisons which poison the blood, blotch the skin and stupefy the brain. Don't put off or delay. Try what a little friendly medicine does.

CARTER'S LITTLE LIVER PILLS. Red Packages all druggists 50 cents.

Limitations  
won't do!  
get  
**Mathieu's Syrup**

OF TART & COO LIVER EXTRACT  
In general use by all dietetic physicians.  
The J. L. Mathieu Co., Prepa, Sherbrooke, Que.

## New System Of Radio Sending

Transmission Of Entire Newspaper Page May Be Possible

A new system of radio communication by which it is claimed congestion of the ether will be completely solved and by which cheap, high speed transmission of photographs of entire pages of a newspaper may be possible, was described at a dinner of the British Radiostation Corporation in London.

The inventor of the new system is Dr. James Robinson, formerly chief of wireless research of the British Royal Air Force. Robinson's device, known as the Stenode Robinson's device, it was claimed, will permit rapid telephonic to be received on a frequency band of 10 cycles or less compared to the present day practice which involves a frequency band of more than 9,000 cycles.

The device, spokesman said, will not make it necessary to scrap existing sets but instead will increase greatly their utility by giving great impetus to the radio industry.

## IS THERE A BABY IN YOUR HOME

Is there a baby or young children in your home? If there is you should not be without a box of Baby's Own Tablets. Childhood ailments come quickly and means should always be at hand to promptly fight them. Baby's Own Tablets are the ideal home remedy. They regulate the bowels; sweeten the stomach; banish indigestion and indigestion; break up colds and simple fevers—in fact they relieve all the minor ills of infancy. Concerning them Mrs. Moses Cabotte, Makamik, Que., writes: "My baby suffered terribly from indigestion and vomiting, but the Tablets soon set her right and now she is in perfect health." The Tablets are sold by all reliable dealers or by mail at 25c a box from The Dr. Williams' Medicine Co., Brockville, Ont.

## Trying To Outdo Spider

Silk Manufacturer Rapidly Nearing Perfection In Fineness Of

In the manufacture of artificial silk at least one manufacturer has gone far beyond the silkworm and is now rapidly nearing the spider, who, in terms of fineness of fiber, has far outdone the silkworm. Filaments of artificial silk, .0004 inch in diameter have been spun. The usual spider filament is .0023 inch in diameter. So fine is this artificial silk that 4,227.5 miles of filament are required to make a filament pound.

An ordinary sheet of newspaper is nine times as thick as the filament. The filament is woven into yarn which, because of the fineness of its parts, has more the feeling of silk than has the coarser material. Because of this advantage it is reasonable to expect that even finer filaments may eventually be spun, that we may completely outdo nature in this field.

A safe and sure medicine for a child troubled with worms is Mother Graves' Worm Extirminator.

## A Lonely Family

That they have the loneliest home circle in Australia, possibly in the world, is the claim of the family of Mr. Gunn, telegraph operator at the Cape York station, in the farthest north point in Australia. On one side are hundreds of miles of impenetrable bush and on the other leagues of shark-infested sea. In the last three years the Gunns have seen only 20 people.

## Dance Floor By The Yard

A portable dance floor has been introduced in London, England, which will offer a perfect dance floor to anyone desiring to move from place to place. It is made up of strips of wood firmly attached to a strong canvas backing. It can be rolled up like a carpet and costs about as much per yard as a good rug.

Only three towns with a population of more than 200 are to be seen along the 500 mile stretch of the Alaska railway.

Minard's Liniment for Distemper.

## Byrd Making History

First Man To Fly Over North and South Poles

The New York Times, the St. Louis Post-Dispatch and newspapers allied with them, in publishing reports from Commander Richard E. Byrd's expedition, announce that Commander Byrd had safely returned to his base, Little America, after a successful flight across the South Pole, in which he surveyed much adjacent territory.

Commander Byrd's flight across the South Pole has made him the first man in history to fly across both the earth's poles.

In May, 1926, in the tri-motored aeroplane, the "Josephine Ford," Commander Byrd flew from King's Bay, Spitzbergen, across the North Pole and returned.

That springtime flight required a total of 15 hours and 30 minutes and the round trip covered 1,600 miles. In addition to being the first to fly across the North Pole, Byrd was also the first man to fly over it in a heavier than air machine.

At historic flight, his pilot was Floyd Bennett, who died April 25, 1928, while attempting to rescue the crew of the trans-Atlantic plane "Brennan" on Gretna Island. Bennett was second in command of the Byrd Antarctic expedition and had intended to accompany the commander on the trip.

The flight across the South Pole, was the first attempt he had made to fly to the pole, although previously he had used aeroplanes in flights from his base at Little America in laying out bases on the route to the pole and in exploration trips.

He was the third man to reach the South Pole. The first was Roald Amundsen, a Norwegian, who reached it December 14, 1911. A few days later he was followed by Captain Robert F. Scott, British explorer. Both of them used overland methods of travel.

## Minard's Liniment for Chapped Hands.

Has Become Popular

Rayon Is Manufactured In Nearly Every Country In World

Rayon was a product little heard of ten years ago. Today this substitute for silk is manufactured in nearly every country on the globe. The largest rayon holding company in the world has just been incorporated in Maryland with a capital of \$60,000,000. It has interests in six countries.

Last year the United States produced more than 107,000,000 pounds of rayon alone, or about twice as much as its nearest competitor, Italy.

## Happy Without Millions

Prince Edward Island boasts no millionaires. Her rugged people have no far, as a rule, followed the golden mean and lived contentedly between the little and the great. And the small community under the smile of heaven is just as happy as any other of like number in North America or elsewhere.

"Now I want an alert lad," explained the employer. "Are you quick to take notice?"

"Yes, sir. I've had it twice in a fortnight," replied the applicant.

Don't dose  
a Child's Cold

CONTINUAL dosing upsets children's delicate stomachs. Vicks is applied externally and therefore cannot disturb the digestion. It acts in two ways:

(1) The body heat releases the ingredients in the form of vapors which are inhaled.

(2) At the same time Vicks "draws out" the soreness like a poultice.

acts 2 ways at once

**VICKS VAPORUB**

OVER 75 MILLION JARS USED YEARLY

## Little Helps For This Week

"Teach me to do Thy will, for Thou art my God; Thy Spirit is good; lead me into the land of uprightness."

—Psalm cxli. 10.

Though one but say "Thy will be done," He hath not lost his day At set of sun.

—Christine G. Rossetti.

It is not always easy to discern the will of God; but if the fountain of our life is kept pure, the water of life must flow from it and our day's work contribute to the great stream of life that flows out from the city of God for the healing of the nations; and in this stream all our own little trials get turned into gold.—Harriet Monnell

The first balloon made its ascent in France in 1783—the year England recognized the independence of America.

Drunk man (as clock strikes six): "Yes, I know it is one o'clock. There is no need to keep repeating it."

## FREE! FARM AND STOCK ACCOUNT BOOKS

This valuable book was compiled to advertise CARHARTY OVERSEAS, the best farmer's overalls in the world. One farmer wrote that he would not say ten dollars for his book. Write for yours to-day. Hamilton Carharty, Manufacturer, Ltd., Toronto. Over twenty thousand agents.

## RAW FURS WANTED

We will pay as follows:  
RED FOX.....\$60.00 WOLF.....\$51.00  
MINK.....\$25.00 RACCOON.....\$20.00  
WEAS.....\$15.00 SKUNK.....\$13.00  
SEND for details of prices

S. FIRTKO—426 Penn Ave. Pittsburgh, Penna. U. S. of America

## Here's Your Chance

without risk, to treat sore throats, coughs, colds, head colds, catarrhs, and nasal ailments, with "Kitchener's Tonsillitis," absolutely guaranteed. You can't lose, try it \$1.50 post paid. Agents wanted.

KITCHENER TONISLITIS CO., Kitchener, Ont.

Cut Down  
Food Wastage

—by covering all perishable goods with Para-Sani Heavy Waxed Paper, Para-Sani moisture-proof texture will keep them fresh until you are ready to use them.

You'll find the Para-Sani sanitary knife-edged carton handy. Or use "Centre Pull" Packs in sheet form for less exacting uses. At grocers, druggists, stationers.

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HAMILTON ONT.

Western Representatives:  
**HUNTER-MARTIN & CO., REGINA, SASK.**

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Dr. HARVEY D. DUNCAN,  
218A, 8th Ave. W., opposite Palace  
Theatre, Calgary.

**Mr. J. A. HARRY MILLICAN**  
of the  
firm of Messrs. Millican & Millican,  
Barristers, Solicitors and Notaries,  
909 Lancaster Bldg., Calgary, will  
be at R. Bradway's office, Cross-  
field on Saturday of each week for  
the general practice of the law.  
MONEY TO LOAN. Phone 3

Now is the time to get  
that new furnace in-  
stalled or the old  
one put in first  
class shape

**J. L. McRory.**  
Plumbing and Tinsmithing  
CROSSFIELD, Alberta.

**Come and Get Your  
MARCEL**  
From an Experienced Worker  
Better than two years experience which  
guarantees Satisfaction  
At the GAZELEY HOME

**Council Meetings**  
The council of the village of Crossfield will  
meet in the office of the Secretary, Town  
Hall on the first Monday of each month  
commencing with February at the hour  
8 o'clock p.m.  
By Order of the Village Council.  
J. L. McRory, Sec.-Treas.

**CHURCH OF THE ASCENSION.**  
1st, 3rd, and 5th, Sundays. Evensong  
at 7.30.  
2nd, and 4th, Sundays. Matins and  
Holy Communion at 11 a.m.  
Sunday School every Sunday at 10 a.m.  
Rev. J. Adams Cooper, Curate in charge.  
A cordial invitation is given to all.

**Local and General.**  
Mrs. S. Willis entertained the  
bridge club on Tuesday evening.  
Mrs. R. Nichol returned from  
Calgary on Wednesday.  
Mr. Archie Dougan was a visitor  
to Calgary on Friday.  
Miss Mabel Young visited Cal-  
gary on Friday.  
Mr. and Mrs. J. Crocker spent  
the week-end in Calgary.  
Mrs. H. Hewitt spent Monday in  
Calgary.  
Mr. A. Cruickshank motored to  
Airdrie on Wednesday.  
Mr. Kolstead, of Airdrie, visited  
Crossfield on Wednesday.  
Rev. and Mrs. Young motored  
to Calgary on Thursday.  
Mr. and Mrs. Waldo and family  
visited the city on Thursday.  
Mrs. H. Mobbs was a Calgary  
visitor on Thursday.  
Miss Pearl Stauffer visited the  
city on Saturday.  
Carvel Guertin of Turner Valley  
visited here on Friday.  
Mr. Ross Ford, of Didsbury,  
spent the week-end in Crossfield.  
Mr. E. J. Bartholomew has pur-  
chased a new Kolster Table Radio,  
from H. A. Bannister and Co.  
Mr. and Mrs. M. H. Fike, and  
small daughter, motored to Calgary  
on Sunday.  
Mr. and Mrs. J. M. Williams  
with Grace and Jack, motored to  
Calgary on Saturday.  
The O'Neil S. D. are holding  
their Christmas tree on Monday Dec.  
23. Kindly keep the date in mind.  
Miss Germaine Billo left on Sat-  
urday morning for Edmonton, where  
she entered the Misericordia hos-  
pital.  
Mrs. G. Jones, of Calgary, spent  
a few days in town last week;  
a guest at the home of her parents,  
Mr. and Mrs. J. Corcker.  
Mr. and Mrs. M. Stearns, and  
son, Ted, of Airdrie, were guests at  
the home of Mr. and Mrs. G.  
Gazeley on Sunday.  
Mrs. Perry and Mr. Ernie Perry,  
of Luffield, spent a few days in this  
district last week, a guest at the  
residence of Mrs. J. Robinson.

## The Crossfield Chronicle

ESTABLISHED 1907  
Published at Crossfield, Alberta  
S. A. Fawcett, Manager and Editor  
Subscription \$2.00 Per Year  
U.S.A. Points \$2.50  
Local advertising  
Monthly Contract 25c. per inch.  
All advertisement changes of copy  
must be in hands of printer by noon on  
Tuesday or no change made or adver-  
tisements cancelled.

## Sampsonston Destroyed By Fire On Friday Afternoon

The Sampsonston store with all  
its contents was totally destroyed by  
fire last Friday afternoon. The  
fire originated in the living quar-  
ters over the store and had gained  
such headway that the Tibball  
family were fortunate to make an  
escape. The only articles that  
were removed was a quantity of  
mail and the safe.

The loss is estimated at \$6000  
partly covered by insurance.  
Mr. Tibball has opened a store in  
the Beaver Dam Hall, until he  
can make other arrangements.

## Mrs. Cruickshanks Passes Away Suddenly In Calgary

Mrs. Christina Cruickshanks,  
84 years of age died on Saturday  
afternoon at the home of her  
daughter, Mrs. David Ratray,  
534 eighth avenue northeast, Cal-  
gary.

The deceased, who was ill only  
a short time ago, was born in  
Kirkcaldy, Scotland, and came to  
Calgary five years ago following  
the death of her husband in Kin-  
ross, Scotland, to reside with her  
daughter in Calgary.

Deceased leaves three daugh-  
ters, Mrs. Ratray, Mrs. George  
Gillespie of Canoe, B.C., and Mrs.  
Robert Wilson, of Kindross, Scot-  
land, and two sons, Adam, of  
Crossfield, and Arthur, of Canoe.  
Funeral services were con-  
ducted on Tuesday from Armstrong's  
funeral home. Interment taking  
place in the Burnside cemetery.

## Old Times Association Elect Officers

A meeting of the Crossfield Old  
Times Association was held in  
Mr. Wm. Latt's store on Friday  
evening for the purpose of electing  
officers for the coming year, which  
resulted as follows:

President—G. W. Murdoch,  
Vice-President—G. M. Gazeley  
Sec.-Treasurer—Ivor Lewis.  
Executive Committee—G. Mc-  
Leod, D. McFadyen, D. K. Fike,  
C. Amussen, Ed. Myers, F. Latt,  
J. McRory, D. A. McArthur and  
W. Urquhart.

Ladies Committee—Mrs. M.  
Thomas, and Mrs. G. Murdoch.  
The Annual Round-up will be  
held in February on a date to be  
set later.

## Next Time Shoot a Buck

Found guilty on a charge of shoot-  
ing a doe, Eugene Florer, of Bettrel,  
was fined \$20 and cost by Magistrate  
Chapman, at Cochrane, at 2 o'clock  
Monday afternoon. Special Con-  
stable A. Baple came across the  
accused with the carcass of a doe  
in the Bettrel district, according to  
the evidence submitted.

## C. G. I. T. CLUB

The senior Swastika club met on  
Friday evening at the home of  
Marjorie Young.

The business part of the meeting  
was taken up with discussion about  
the Tea

After the business period the girls  
practiced for their part in the Chris-  
mas concert.

## W. K. GIBSON

Loans, Insurance, Real Estate  
OF ALL KINDS  
PHONE 86  
CROSSFIELD • ALTA.

# OVER \$5,000 IN PRIZES FOR SOLVING THIS FASCINATING PUZZLE

Clip this  
advertisement.  
It may not  
appear  
again.

Two  
Durant  
Sedans  
head  
the prize  
list.

## LIST OF PRIZES

**FIRST PRIZE**—Durant DeLuxe Six Cylinder Sedan, fully equipped with six  
wheels and tires. In addition thereto a bonus in cash of ten times the  
amount of subscription money remitted, such bonus not to exceed \$1,000.  
Value—Durant Six—\$1,300, plus \$1,000—Total \$2,300. To be eligible to win  
this prize the contestant must have remitted a minimum of Five Dollars in  
subscription money.

**SECOND PRIZE**—Durant Four Cylinder Sedan, standard equipment. In  
addition thereto a bonus in cash of six times the amount of subscription money  
remitted, limited to \$600.  
Value—Durant Four, \$900, plus \$600—Total \$1,500. To be eligible to win  
this prize the contestant must have remitted a minimum of Five Dollars in  
subscription money. If less than Five Dollars in subscription money is remitted  
the contestant winning second prize shall receive his choice of a combination  
photograph and a tube Silver Screen-grip electric radio, valued at \$172 com-  
plete with tubes, or a \$330 Norge Electric Refrigerator.

**THIRD PRIZE**—Norge Electric Refrigerator, 6.7/10 cubic feet capacity,  
valued at \$172.

**FOURTH PRIZE**—8-tube Silver Screen-grip electric radio. Highboy model,  
value \$237.

**FIFTH PRIZE**—8-tube Silver Screen-grip electric radio value \$230. Lowboy  
model.

**SIXTH PRIZE**—Motion Picture Camera valued at \$65.

**SEVENTH PRIZE**—Motion Picture Camera valued at \$50.

**EIGHTH TO TWENTIETH PRIZES**—Engraved clock or wrist watch  
valued \$20.

**TWENTY-FIRST TO THIRTIETH PRIZES**—Five Dollars Cash, each.

**THIRTY-FIRST TO ONE-HUNDRED PRIZES**—One year's subscrip-  
tion to "Canadian War Stories"

## First Prize—Beautiful DURANT De Luxe Sedan Plus Bonus



## "CANADIAN WAR STORIES"

"Canadian War Stories" is an alert Canadian  
magazine depicting in romance, fact and  
fiction, gallant acts and deeds of our heroes.  
It fills a long-felt want in Canadian literature.  
Practically every author who contributes to  
the success of this publication saw service  
with the Allied forces, and many of them since  
their return from overseas have won distinc-  
tion in Canada and other countries, with their  
brilliant writings.  
"Canadian War Stories" has a distinctive  
humorous vein, and its authors are writers in a  
manner that will be thoroughly enjoyed by  
even the most fastidious reader.

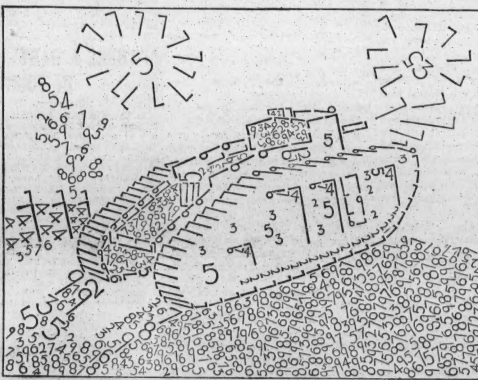
## General Contest Rules

1. Contest is open to all except employees of "Can-  
adian War Stories".
2. To enter contest it is necessary to enclose at least  
a two dollar subscription to "Canadian War Stories".
3. Subscriptions solicited from friends will be ac-  
cepted from both subscriber and solicitor as entry  
fee for (1) prize.
4. All solutions must be accompanied by a cash  
remittance. Solutions cannot be changed once they  
are registered in the contest office.
5. Contestants may send as many solutions as they  
wish, provided each solution is accompanied by a  
cash remittance. A reserve reserve are kept from each  
remittance is added to the previous amount to a  
contestant's credit. Only one correct answer from any  
one contestant will be awarded a prize.
6. EXCEPT IN THE CASE OF "GOOD  
GRADE OF PAPER" MAY BE MADE BY WRITING  
TO THE CONTEST DEPARTMENT—THREE  
DOLLARS ARE MAILED TO CONTESTANTS FREE  
OF CHARGE.
7. No money orders, cheques, etc., payable to  
"Canadian War Stories" receipts will be mailed im-  
mediately.
8. A correct answer to puzzle is not found by any  
contestant, prizes will be awarded (or nearest correct  
solution) there are also another mathematical puzzle  
will be furnished to decide the winners.
9. Solutions received after January 1st will only solutions  
received prior to January 21st will not be accepted.  
The solution to the puzzle in a sealed envelope to be opened by the judges at the close  
of the contest. It is considered as final in all matters.  
You will not be asked to buy or sell anything further  
everything is as stated in rules above.

## Well Known Toronto Newspaper Men are JUDGES

The judges are Kim Battle of the Evening Telegram,  
Toronto, and J. H. H. Star, and  
Douglas H. Oliver of The Globe, Toronto.  
Canadian War Stories contest will be conducted in a  
fair and impartial manner. Follow rules carefully. Your  
own skill will determine the award you will win.

## Can You Solve This Problem?



The Problem is to secure the sum total by adding together all the figures shown  
in chart above. There are no tricks. Each figure stands alone;  
they must not be 2 to 9 or 10 then the ideas have a straight front there  
are no combinations. Add them all if each figure stood one above the other in a single  
column. If it doesn't appear any figure, write the contest office, marking the figure in question,  
and a ruling will be made.  
The solution to the problem is in a sealed envelope to be opened by the judges at the close of  
the contest. Until then the correct answer is unknown.

## Special Awards for Early Answers to Puzzle

**FIRST SPECIAL**—The contestant who submits the  
first correct answer.  
The above special prizes will be awarded to contestants  
who submit their answers prior to the date of  
New Year's Day, Dec. 31, both dates inclusive, according to  
the rules mentioned above. Special prizes will be awarded  
along with the major awards at the close of the contest.

**SECOND SPECIAL**—As per rule above will receive  
Underwood Portable Typewriter valued at \$85 (Winner may  
select any color in stock).

**THIRD SPECIAL**—As per rule above will receive a  
beautiful motion picture camera valued at \$50.

**FOURTH SPECIAL**—As per rule above will receive \$10  
cash.

**FIFTH SPECIAL**—As per rule above will receive \$5.00  
cash.

The special question as to the number of the six's does not  
mean the sum total of the six's in the puzzle; but  
the number of six's contained in the puzzle for ex-  
ample 6-6-6-6 would represent six six's and not the  
sum total of thirty.

The above special prizes will be awarded to contestants  
who submit their answers prior to the date of  
New Year's Day, Dec. 31, both dates inclusive, according to  
the rules mentioned above. Special prizes will be awarded  
along with the major awards at the close of the contest.

In Addition to Above, Will be Sent to Each of  
Free Copy of "Canadian War Stories" Arithmetic Course,  
Printed in Three Colors. Will be Sent to Each of  
All Contestants Who Mail Solutions Within the  
Time Mentioned Above.

Are you a subscriber to your local paper? Yes.....No.....

Name of your local paper.....

## ENTER YOUR SOLUTION ON THIS BLANK

MY ANSWER TO THE FIGURE PUZZLE IS..... I am enclosing.....  
Subscription Price List  
2.50-1 Year  
5.00-2 Years  
7.00-3 Years  
10.00-4 Years

Kindly enter my name as a contestant in your figure puzzle contest. I am en-  
closing the sum of \$..... to cover my entry fee and  
your Magazine. NAME OF SUBSCRIBER GIVEN BELOW

1. Subscriber's Name..... Amount \$..... NEW-OLD  
Street Address..... City..... Province.....

2. Subscriber's Name..... Amount \$..... NEW-OLD  
Street Address..... City..... Province.....

How many answers have you sent in to date?..... Amount Remitted \$.....  
If I win a prize send it to NAME..... Town..... Street Address.....  
Province.....

If your subscription was sent in by another Contestant state his or her name.....  
Date subscription was paid..... Write names of other subscribers (if any) plain and in order..... Amount paid \$.....

ADDRESS SOLUTIONS AND ANSWERS TO  
CANADIAN WAR STORIES, 310 Manning Chambers, 72 Queen St. W., Toronto, Ont.  
Phone Local and Long Distance Adelaide 3944

# The Crossfield Chronicle Offers \$1000 IN SPECIAL BONUS FOR LOCAL WINNERS

If the of the first prize is a paid-up subscriber to  
The Crossfield Chronicle we will award a special  
bonus of \$500 in addition to the award offered by  
Canadian War Stories.

If the winner of the second prize is a paid-up sub-  
scriber to The Crossfield Chronicle we will award  
an extra bonus of \$300 in addition to the award of-  
fered by Canadian War Stories.

If the winners of the third and fourth prizes are  
paid up subscribers to The Crossfield Chronicle we  
will award a special bonus of \$100 each in addition  
to the awards offered by Canadian War Stories.

Subscriptions to The Crossfield Chronicle must be

mailed direct to The Crossfield Chronicle and not  
to Canadian Contest Department. When  
sending puzzle answers to Canadian War Stories  
write yes or no on coupon whether a subscriber  
to The Crossfield Chronicle or not.

The above bonuses are in addition to the regular a-  
wards offered by Canadian War Stories, and do not  
in any way effect the regular awards offered by that  
magazine.

New subscribers as well as old ones may share  
in these special bonuses. Send your new or re-  
newal subscriptions in to Crossfield Chronicle and  
your solution and subscription to Canadian War  
Stories direct to the Contest Department.

Friends of Mr. Claud Deeks,  
Mr. and Mrs. L. Stearns, of  
Calgary, spent Sunday in Cross-  
field; guests at the home of the  
latter's parents, Mr. and Mrs. G.  
Gazeley.

Crossfield Day School and Sunday School Joint  
Christmas Tree & Entertainment  
December 20th, U. F. A. Hall